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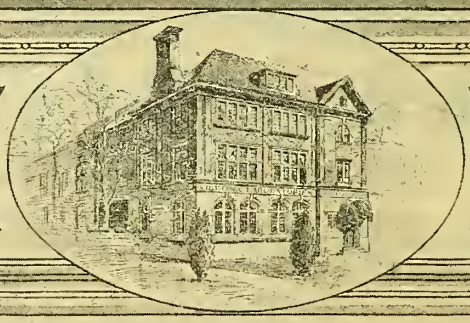

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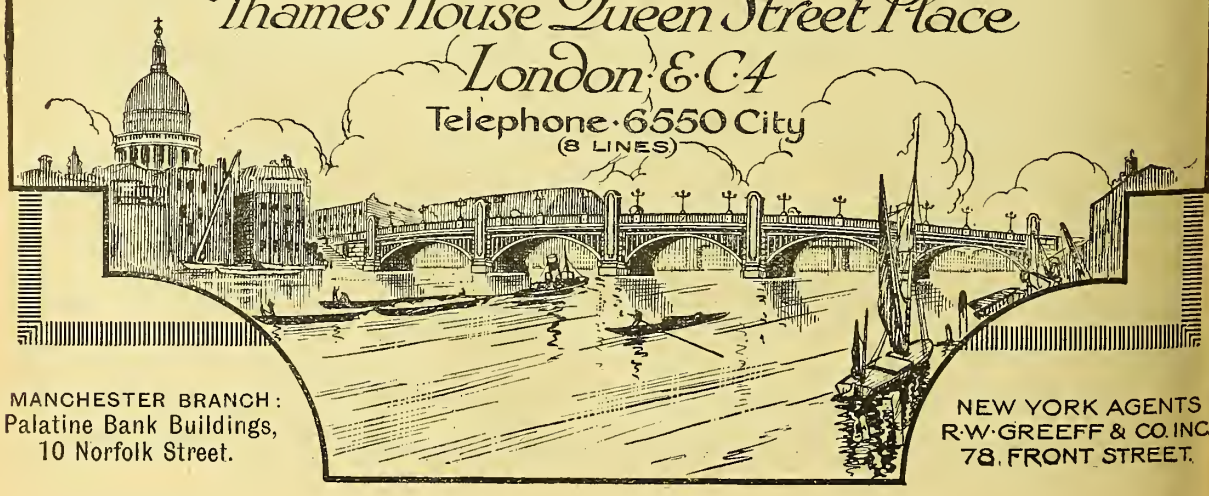

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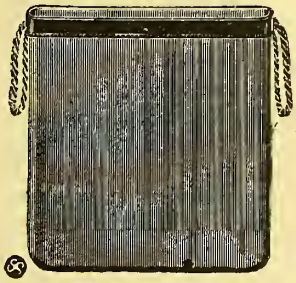
Assorted colours.

Per doz. ... **13/6**



SPONGE BAGS
(WATERPROOF).

Fig. 3. Fancy Brocade. Super Quality.

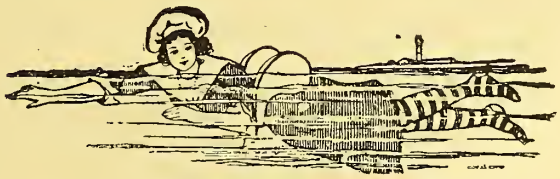
Size 1. 6×7 ...	per doz.	**13/6**
,, 2. 7×8 ...	,,	**16/6**
,, 3. $7\frac{3}{4}\times9\frac{1}{4}$...	,,	**21/0**
,, 4. 9×10 ...	,,	**24/6**
,, 5. $10\times11\frac{1}{4}$	,,	**30/0**
,, 6. 11×12...	,,	**34/0**

Fig. 6. Oiled Silk, various colours.

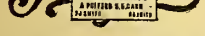
Size 1. $5\frac{3}{4}\times7\frac{1}{4}$...	per doz.	**10/0**
,, 2. $6\frac{1}{2}\times8\frac{1}{4}$...	,,	**13/0**
,, 3. $8\frac{3}{4}\times9\frac{1}{2}$...	,,	**15/0**
,, 4. $8\frac{3}{4}\times10\frac{1}{4}$	,,	**19/6**
,, 5. $9\frac{1}{2}\times11\frac{1}{4}$	,,	**21/6**
,, 6. $10\frac{3}{4}\times12\frac{1}{2}$	,,	**23/6**

Fig. 7. Oiled Cambric, various colours.

Size 1. $5\frac{1}{2}\times7\frac{1}{4}$...	per doz.	**7/6**
,, 2. $6\frac{3}{4}\times8\frac{1}{2}$...	,,	**9/6**
,, 3. $7\frac{1}{2}\times9\frac{3}{4}$...	,,	**11/0**
,, 4. $8\frac{3}{4}\times10\frac{1}{4}$	,,	**12/9**
,, 5. $9\frac{3}{4}\times11\frac{3}{4}$	,,	**15/0**
,, 6. $10\frac{3}{4}\times12\frac{1}{2}$	,,	**17/0**



FLOATWELL WATER-WINGS.



258 EUSTON ROAD, LONDON, N.W. 1,
and Old Infirmary Buildings, NEWCASTLE-ON-TYNE.

HOW TO SECURE CONTRACTS

THE days when contracts for supplies to public bodies—Government, Municipalities, Urban District Councils, or otherwise—were secured by favour have, happily, gone for ever. Nowadays, competition in the open market ensures that the lowest estimate, consistent with quality, for drugs, disinfectants, chemicals, druggists' sundries, surgical appliances, or whatever it may be, invariably secures the order.

But the men who are responsible for the quality and price to their respective Boards are experts and must necessarily follow the markets very closely, and that is one reason why

THE CHEMIST & DRUGGIST

is subscribed for regularly, and its advertising and editorial pages studied closely week by week by the heads of the Contract and Purchasing Departments at The Admiralty, The War Office, The India Office, The Navy, Army, and Air Force Institutes, The Office of the Crown Agents for the Colonies, The Government Public Health Departments, &c.

Enormous quantities of pharmaceutical, medical and surgical supplies are purchased annually for use in hospitals, infirmaries, asylums, dispensaries, prisons, &c., and in the Health Departments of municipalities and other local Government authorities. In this connection, those who direct or influence the buying and distribution of all such supplies find a weekly perusal of *The Chemist and Druggist* imperative.

For our subscribers include Medical Officers of Health, Superintendents, Governors, Stewards, Pharmaceutists, and Directors of the largest and most important Public Health Institutions in all parts of the United Kingdom. The list is much too long to tabulate, but in the metropolitan area alone 40 such institutions subscribe regularly, while in the larger provincial cities, such as Manchester, Liverpool, Birmingham, Glasgow, &c., the number of hospitals, infirmaries, asylums, &c., receiving *The Chemist and Druggist* varies from five to seven according to the size of the place.

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Maw's Page

May 7, 1921 No. 499

A Little Story with a Big Moral

"SORRY, John," said the chemist, "but I can't give you an order for Dressings. I like you; I like your House; I've done business with you for more years than I care to remember, but I can't afford to let sentiment interfere with profits. Frankly, I can buy dressings elsewhere cheaper than I can buy from you, not much cheaper certainly, but every little counts nowadays, and—well, you understand, don't you? When your price comes down I'll be pleased to give you an order."

John, representing the House of Maw, stopped short in the act of closing his bag. There was the flicker of a smile on his face, but the light of battle was in his eye. He was about to defend his House to a keen business man who knew him and respected his judgment. "Well," said John, "it's true you can buy dressings at a rather lower price than ours, but surely you do not believe that our prices are high because we hope to get business on sentimental grounds? If that were so, do you think we should retain your respect, or the respect of the thousands of other customers who have dealt with us for years?

"No, the facts are just these. Our prices are as low as possible, consistent with a standard of quality that will live up to our reputation and, incidentally, to yours. You can buy a suit of clothes for perhaps £4 or £5, but you wouldn't care to wear it. It would injure your reputation. Don't you think you are risking your reputation when you purchase dressings on price alone, irrespective of quality? I know your business, have known it for years. You would no more think of treating a customer unfairly than you would think of wearing brown boots with a morning coat, yet you would risk your reputation for a negligible extra profit. That is not all. I expect you have some packages of these dressings here. Just lie them here. Now here are our corresponding packages. Which would you rather sell for your reputation's sake? Isn't it a fact that yours look cheaper, poorer in quality than ours? Now put them on the scale, one on each side. Yes, as I suspected. Ours is 1-oz. net weight, yours 1-oz. gross. You see, I have already pointed out three distinct and important advantages—Quality, Appearance, and Weight.

"Now about price. My House has devised a new scheme which entirely removes all grounds for complaint on that score. They offer two parcels of selected dressings, all live stock and quick sellers, at exceptionally low prices, and from these prices they deduct an additional and substantial special discount. Further, they send an adequate supply of display material with each parcel to make an attractive window show. The parcels cost £4 2s. 1d. and £6 3s. 11d. net respectively. I don't think I can say much more. That's the whole matter, absolutely reliable quality, attractive appearance, net weight, special scheme for discounts, and display matter for parcels. I'll leave these particulars with you. Good-bye! I'll take your order next journey, or a postcard to the House direct will bring you one of the parcels."

Send for particulars of our Special Dressings Scheme if you have not already received them.

Telephone: City 7 Private Branch Exchange

Telegrams: Eleven Cent London

S. Maw, Son & Sons, Ltd.,
Aldersgate St., London,
and Barnet.

Cables: Eleven London

Code: A.B.C. 4th & 5th Edition

TRADE MARK

"WATER WINGS"

at 13/6 per doz.

We have a Splendid Selection of

Bathing Caps.

Also

Sponge Bags,
Washing Gloves,
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etc.

Extra Full Size, English Made, Perfect Finish.

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Cotton Fleece, Cotton Plush and Lambswool.

STOCKED IN FOUR SIZES.

Actual Manufacturers:—

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TOTTENHAM, N. 17.

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for
JAPLIN'S Anti-Rheumatic SOAP

Chemists can be supplied with sufficient quantity packed in artistic boxes, for window display purposes,

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A fee will be allowed to Chemists who give good display. Full particulars from—

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CLOTHES BRUSHES.
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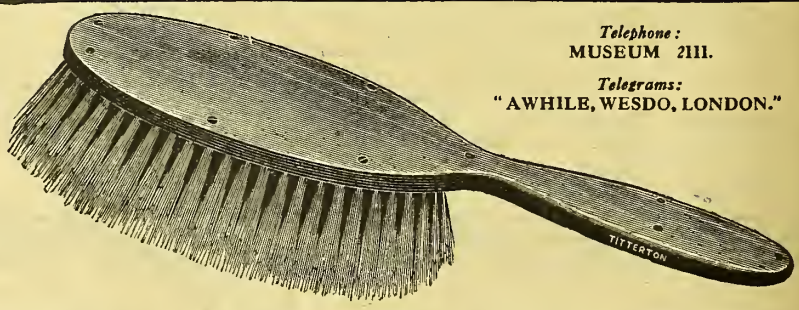

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TITTERTON & HOWARD LTD., 8-10 GT. TITCHFIELD STREET, LONDON, W. 1.

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'REVLOC' BRAND.

SUGAR-SWEETENED LEMONADE POWDER

RETAIL
1/- per tin
(20 glasses)

WHOLESALE

	NET
1 gross lots -	8/- doz.
6 dozen - -	8/3 ,,
4 ,, - -	8/6 ,,

Carriage paid. Special terms to large buyers.

(Replica of Tin)

BUT YOU SHOULD SEE THE TIN (4-oz. lever-lid, enamelled six colours)
AND THE SHOWCARD (a work of art in seven colours)
AND TASTE THE LEMONADE (sugar-sweetened)
AND REMEMBER: 50 % ON COST. 33⅓ % ON SALES
AND REFLECT, THAT IT IS A 'CHEMISTS' ONLY' LINE (grocers not supplied)

Put this on a P.C. { "Please send.....gross 'Revloc' Lemonade at .....per dozen with showcards, Carriage Paid.'

The most popular BORACIC FOOT SOCK is "REVLOC" BRAND.

Made with pink Boric Lint, supplied in all sizes, Ladies' or Gents'. RETAIL 7½d. pair.
WHOLESALE gross lots 60/- gross. Small quantities 5/3 dozen.
Carriage paid 4 dozen with showcards.

Include a few with your order for "Revloc" Lemonade, and post to

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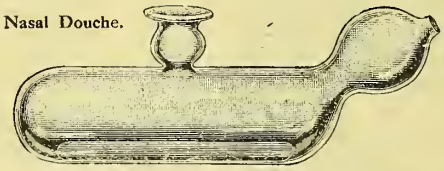
23 RYLAND ROAD, EDGBASTON, BIRMINGHAM.

GLASSWARE OF EVERY DESCRIPTION and for ALL PURPOSES.

WE HOLD STOCKS in the Provinces ready for immediate delivery, and in our North and West London depots, of

Vials, Limes, Kalis, Tablet Bottles, Surgical Glasses, Test Tubes, Douche Linings, Eye Droppers, Male Glass Syringes, and all kinds of Chemical and Laboratory Glassware.

Nasal Douche.



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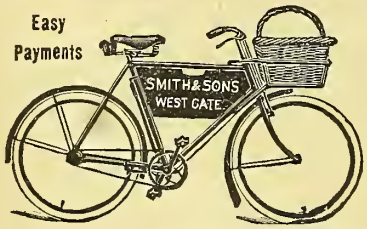
Easy Payments



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WHEELS 26 × 1¾

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FLATS at Lowest Market Prices.

SPECIAL OFFER FOR MAY

London Made Dark Blue Hexagonal or Flats— Lettered "NOT TO BE TAKEN."

2-dr.	½ oz.	1-oz.	1½-oz.	2-oz.	3-oz.	4-oz.	6-oz.
10/-	11/-	12/-	14/-	14/-	16/-	16/-	18/-

Per Gross.

London Made Vials, Plain or Teaspoon graduations (White)

1-dr.	2-dr.	½-oz.	1-oz.	1½ oz.	2-oz.	3-oz.
9/-	9/-	10/-	11/-	12/-	12/-	14/-

per Gross

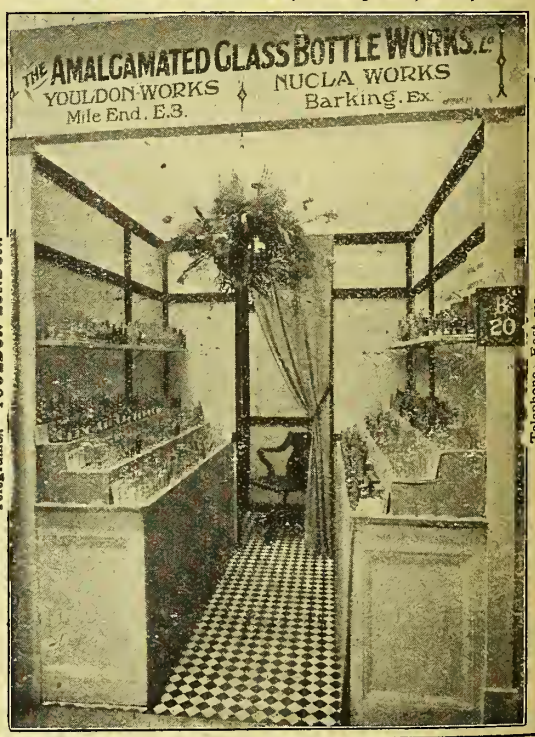
10 Gross and upwards (assorted sizes or otherwise) Carriage Paid.

The North London Glass Bottle Works
(I. ISAACS & CO.) Established 100 Years.
106 Midland Road - LONDON, N.W. 1.

PLEASE SEND YOUR ENQUIRIES FOR

GLASS BOTTLES

to the Youldon Works, Treby St., E.3., of



Telegrams: "YOULDON LONDON."
Telephone: East 132.

AYRTON'S WEEKLY PAGE 15

A fig for physic!

Every mother experiences great difficulty in administering medicine to children, mostly due to the nauseating taste of powders, castor oil, etc.

May we have the pleasure of introducing

Ayrton's Figolets

(REGD.)

pleasant tasting, natural laxative tablets to your clients? They are largely composed of the extract of sound, ripe figs, have a delicious flavour, and act promptly without discomfort.

Figolets instantly overcome all childish repugnance for medicine, and are equally good for adults.

Use the Ayrton Publicity Service for Increased Sales and Profit.

SPECIAL OFFER open until May 31

With an order for one dozen Figolets we will post you a blank form for the names and addresses of twenty-five of your customers, to whom we will send a descriptive letter telling them all about Figolets, and directing them to your Pharmacy for supplies.

Figolets are price protected and assure you a generous profit.

Retail P.A.T.A., per bottle, **1/3**; Wholesale, per dozen, **10/-**; per gross, **114/-** carriage paid, and bonus of one dozen with your agreement to make a window display for two weeks.

Lantern Slide supplied with orders for six dozen and upwards.

LONDON Agents for AYRTON Specialties:
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Limited,
49 Farringdon St., LONDON
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Shipkoff's Pure Otto of Rose

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Model Steam Factories in Kazanlik, Kalofer, Kerlovo and Rahmenlari. London Depot—

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With wood sleeves, nickel and celluloid, and with wood handles.

BEST QUALITY. BEST PRICES.

Samples and prices on request.
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The Winning Perfume—Fragrance of Midsummer Roses.

In three sizes	*Wholesale*	*Retail*
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SHOWCARDS SUPPLIED.

The Economies of "DISTOL" OTTOS.

(1) Economy of Time.

Perfumes that compete in quality with the most expensive brands are made in a moment from any "Distol" Otto. Filtering, blending, tinting, distillation and other time-absorbing processes are alike unnecessary when "Distols" are used.

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Most of the "Distol" Ottos lend themselves to considerable dilution with Aqua Dest. (up to 45 % in some cases) without loss of their distinctive characteristics.

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There is no loss from deterioration of "Distol" perfumery. If kept properly stoppered, "Distol" perfumery not only does not deteriorate but actually becomes more mellow with age.

There are 38 "Distols"—uniform price 7/6 per oz. net. An ounce of any "Distol" makes 81 oz. of choice perfumery. Ask for free samples of perfumes made from any six "Distols."

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BARDSLEY VALE, LANCASHIRE,
& Bardsley House, London, N.1
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Every Chemist, Manufacturing or Retail, realises the value of "Printing at its Best."

IT MEANS:

BIGGER SALES
INCREASED TURNOVER
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Full set of samples sent abroad on receipt of 10/6

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Chemists' Printers,
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POISON REGISTER, post free 4/6
250 leaves, 500 single entries, 5 × 4.

COCAINE REGISTER, post free 3/-
64 pp., 8 × 5.

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JAMES TOWNSEND & SONS,
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"SANOID" BORACIC SOCKS

Literally sell themselves

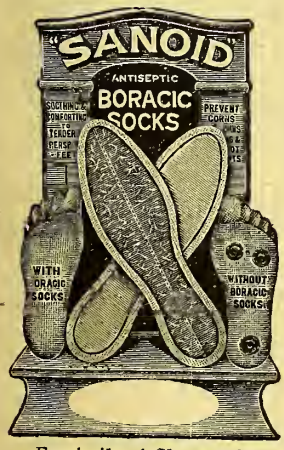
Many Chemists have enjoyed the ready sale of Boracic Socks which Literally Sell Themselves.

7/3 per dozen pairs.
84/- per gross pairs.

RETAIL PRICE 10½d. per pair.

ON P.A.T.A. LIST.

Sample Pair Post Free on Application.



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Foreign and Colonial Orders Invited.

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All British Agency Company,
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"Culmaks" are packed, either 9 brushes (1 of each kind) in a Counter Display Box, or, as required, each in a carton.
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FAVOURABLE TERMS.

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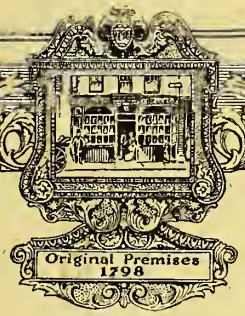
And is obtainable from all Wholesale Chemists and Hairdressers' Sundriesmen.



50, Wigmore Street,
London. W.1.

May 6th.1921.

Dear Sir,

Over leaf you will find an abridgment of the Prospectus which will be issued on Saturday the 7th instant, a copy of which you will receive in course of post.

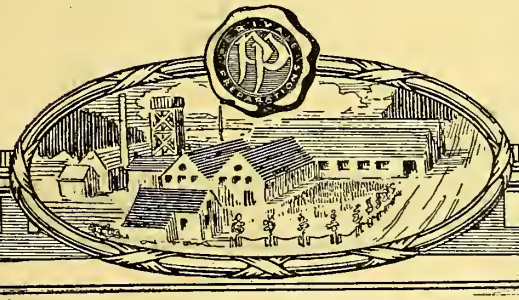
The firm of John Bell & Croyden is entering a new era, and making new developments; in the past we have endeavoured to uphold the dignity and importance of Pharmacy; in the future, we propose, with your co-operation to make the products of John Bell & Croyden an asset to brother pharmacists.

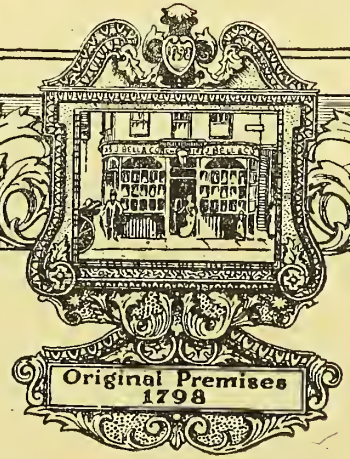
I shall take it a personal favour if you become a share-holder in John Bell & Croyden Ltd. At the Chemists' Exhibition; by advertisements; and by representatives, we hope to place our unique facilities at your disposal.

Yours faithfully,
for JOHN BELL & CROYDEN LTD.

John T. Marshall

Managing Director.





Abridgement of Prospectus.

JOHN BELL & CROYDEN, Limited.

CAPITAL - - - - £150,000

Issue of 90,000 10 % Cumulative Participating Preference Shares of £1 each at par.

OBJECTS OF THE RECONSTRUCTION.

The Business of John Bell & Croyden, Limited, has so far been mainly confined to dispensing and retailing at their premises, in Wigmore Street, articles principally of their own manufacture. It is proposed that the new Company, with the acquisition of the extensive factories and plant of Messrs. Langham Bros., Limited, shall become a Wholesale and Manufacturing house in addition, distributing its goods through the medium of the local Pharmacist, thereby giving the public generally the widest possible opportunities of using the many preparations manufactured exclusively by John Bell & Croyden, Limited. The Company, by reason of the wide and varied knowledge of modern Medical, Surgical and Pharmaceutical requirements which it has acquired by working for and in close conjunction with many of the most eminent Physicians and Surgeons of the day, has secured an unprecedented degree of success with its manufactures.

The firm of John Bell & Croyden, Limited, is the outcome of the original business established in 1798 by John Bell, so well known to the Medical Profession on account of the pre-eminent position attained by him in British Pharmacy.

The reputation earned by the original firm has been more than maintained during some hundred and twenty years of business, the result being to-day that the house of John Bell & Croyden is looked upon as being the most up-to-date institution of its kind.

THE MANUFACTURE AND SALE OF STERILISED SURGICAL DRESSINGS AND ACCOUCHEMENT OUTFITS, ETC. In this particular sphere John Bell & Croyden are the pioneers of a system by which physicians and surgeons are supplied with the [illegible]

Department will be instituted, with Showrooms at Wigmore Street, wherein will be demonstrated everything appertaining to the Mother and to the Baby.

JOHN BELL & CROYDEN, with their already unique experience of these requirements, and acting on the advice of some of the greatest Maternity Specialists of the day, will manufacture and supply, through the medium of the [illegible]

Their endeavours for the benefit of infant life should have the support of the leading Physicians, Hospitals, Maternity Homes, Children's Welfare Societies and similar Institutions throughout the United Kingdom and abroad.

The growing demand by the general public for hygienic and more complete outfits for the accouchement has not so far been adequately catered for. With properly approved and standardised productions, given the necessary publicity, there should undoubtedly be created a huge business within a short space of time.

HIRE OF SURGICAL APPLIANCES, OPERATING EQUIPMENT, ETC.—A department holding in stock the appliances necessary for the performance of operations in private houses and similarly unequipped places. The required appliances are delivered at the desired address by the firm's vehicles and collected when no longer in use. A department in considerable demand, profitable and capable of extension.

Arrangements are in progress to have several fast travelling motors always in readiness, fully equipped to start at a moment's notice to any part of town or country. The most modern motor ambulances are available to convey patients to any part of the United Kingdom.

24-HOUR SERVICE.—John Bell & Croyden maintain a 24-hour service to the profession and to the public, fully qualified pharmacists being always on duty at 50 Wigmore Street, Sundays and Bank Holidays included, thus ensuring that urgently required remedies, oxygen, and surgical appliances, etc., are always available and can be delivered to all parts of London and the outer circle within the minimum of time, day or night—a fact greatly appreciated by medical men.

RADIUM.—Probably the largest quantity of this valuable article in the possession of any individual, retail firm or Company is carried by John Bell & Croyden, its value being some thousands of pounds. This is hired to Physicians, Surgeons, Hospitals and other Institutions, and is the source of considerable revenue to the Company.

SURGICAL INSTRUMENTS AND APPARATUS.—Arrangements are being negotiated with the principal Surgical Instrument Manufacturing Houses for the handling of their productions on favourable terms. Carrying an extensive and representative stock of modern appliances, Physicians and Surgeons will in future find the house of John Bell & Croyden a source of supply of the utmost completeness for everything appertaining to Medicine, Surgery and Pharmacy.

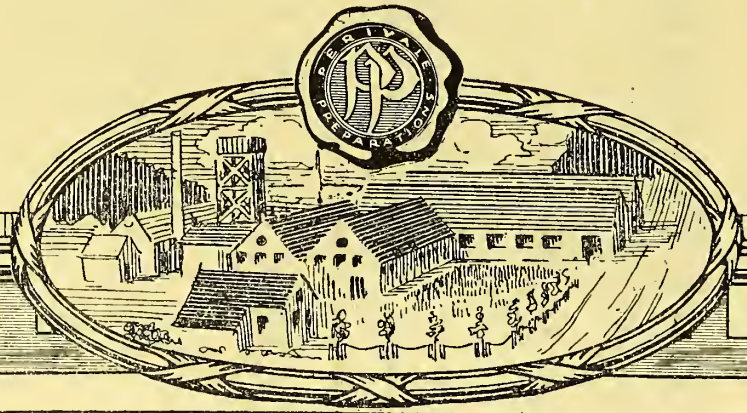
SCIENTIFIC GLASSWARE.—The Company here is in a unique position, having its own modern plant for the production of Scientific and Medical Glassware. Important Scientific Appliances have been invented and are manufactured in the Department in addition to everyday articles, such as Ampoules, etc. This is a section of the business with great possibilities of development and extension.

EXPORT.—The aftermath of the Great War, with its following of minor wars and risings, together with the difficulty of trading with many foreign countries, owing to the lack of guarantees of payment, has left many markets of the world with an acute shortage of Medical, Surgical, Pharmaceutical Stores, Antiseptics and Disinfectants. With the improvement of foreign exchanges and the provision of the necessary guarantees, which, it is anticipated, will shortly be established, export business will revive, and special attention will be given to developing the export business of the Company, who have already customers throughout the world. Negotiations are already in progress for the establishment of regular Agencies and Representatives abroad.

LANGHAM BROTHERS LIMITED.—In order to carry out the foregoing plans, the acquisition of additional factory premises is necessary. These have been found in the Laboratories and Works of Messrs. Langham Brothers, Limited, at Perivale, West Ealing Station, London, W. Situate in a veritable garden, away from dust, smoke, and impure atmosphere, equipped with modern machinery and plant, possessing excellent facilities for Railway transport (G.W.R. Siding adjoins), the premises, which are freehold, are ideal for the purpose required of them.

The present products of Langham Brothers, Limited, which, although only placed on the market within the last few months, have rapidly created a reputation and demand, will be continued, but under the name of John Bell & Croyden, still retaining, however, the brand name of "Perivale Preparations."

JOHN BELL & CROYDEN, LIMITED, 50 Wigmore Street, W. 1.



NEROLI BIGARADE

TERPENELESS ESSENTIAL OILS

"Tank" Brand.

PURE SICILIAN ESSENTIAL OILS

The Best on the Market

EXPORTATION THROUGHOUT THE WORLD

GIUSEPPE MACAJONE, MILANO
Via Canova 25 (Italy)

ESTABLISHED 1817.

Sanderson's Essential Oils

Lemon, Orange, Bergamot, Mandarine, Neroli, Petitgrain.

Guaranteed Pure and Finest Quality.

W. SANDERSON & SONS
(OATES & BOSURGI, Succrs.)
MESSINA
(Principal Works: Tremestieri, Messina.)

DODGE & OLCOTT CO., 20 MARK LANE, LONDON, E.C.3.

THE "D & O" BRAND

is the "Standard of Quality" for

OILS of BAY, CEDARWOOD, PATCHOULI, PEPPERMINT, SASSAFRAS, ETC.
BALSAMS of Copaiba, Peru, Tolu,
TONKA BEANS, Angosturas.

Phone— CITY 2468.

Telegrams— "EGDARF, FEN, LONDON."

ADEPS LANÆ, P.B.

THE FINEST BRITISH LANOLINE PRODUCED
IS MANUFACTURED BY

THE PHARMACEUTICAL LANOLINE CO.

Carnwath Road, Fulham, London, S.W.

WHO INVITE INQUIRIES.

Where Quality Reigns Supreme

OUR WEEKLY MESSAGE.

We want Chemists to feel that it is always safe to deal with this house.

* * *

Any goods bought from advertisements or tariffs may be returned for credit if on receipt you do not consider them suitable to your needs.

* * *

This policy has made us numerous good friends. Why not get acquainted with our house by writing for tariffs to-day?

DAILY we open new accounts.
DAILY we receive valuable "repeat" orders for this beautiful and saleable line.

POUDRE DE LUZY

WRITE FOR FULL TARIFF AND BONUS TERMS.

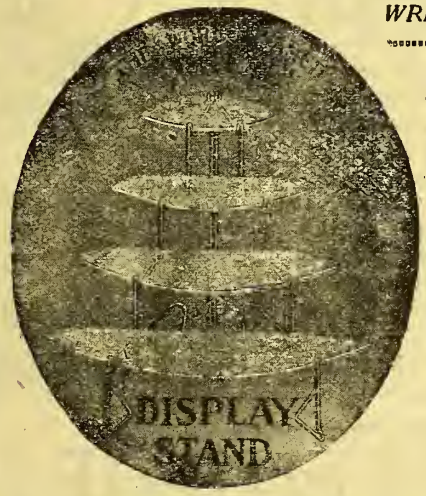
FREE to any enquirer a 10½d. box for trial.

Paul Poiret's
ROSINE PERFUMES

THE SPEEDY WAY TO LARGER PROFITS.

The profit on a single sale is often £1 or more. Many Chemists sell over £250 of these lines in a year.

WRITE FOR TARIFF



ASTRAL DISPLAY STANDS.

Better shows in half the time with half the goods.

No. 1. 3 shelves, 8", 14/-
No. 2. 3 shelves, 12", 16/6
No. 3. 4 shelves, 19", 26/-
No. 4. 4 shelves, 25", 28/6

Carriage Extra.

W. H. CALNAN & Co LTD.
30-32 LUDGATE HILL, LONDON, E.C.4.

An established favourite and ready seller.

"DUCHESS"

ASSORTED

TOILET SOAP

4½d. Tablets.

PRICE PROTECTED. NO CUTTING.

SALE RESERVED
exclusively to Chemists

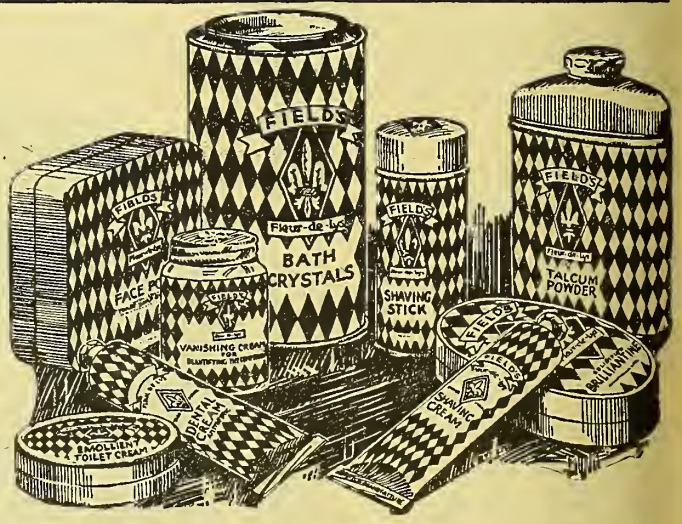
Ask us to quote for your "Own Name" soap. We can please you in quality and price. Samples free.

ERASMIC Perfumers WARRINGTON.

IN their presentation to the public, Field's Fleur-de-Lys Toilet Preparations strike an entirely new note. They are daintily packed in containers covered with a very arresting yet dignified design of old gold and black diamonds, that cannot fail to attract the attention of your customers, and convey a very pleasing impression.

These lines are all a lucrative source of profit to you, and their quality, and the very attractive manner of their presentation to the public, assure that the advantageous terms offered you are regular and continual.

Their quality is backed by our high reputation—nearly 300 years old.



FLEUR-DE-LYS
Toilet Preparations REGD.

J. C. & J. Field, Ltd., Upper Marsh, Lambeth, S.E. 1.

Estd. in 1642, in the reign of Charles I.

REDUCED PRICES.

Toilet and Medicinal Preparations packed in Collapsible Tubes.

TOILET PREPARATIONS.

	½ oz.	1 oz.	2 oz.	
Cold Cream	2/8	4/-	5/9	doz.
Glycerine & Honey Jelly... ...	2/10	4/4	6/2	,,
Oatmeal Cream	3/1	5/-	7/-	,,
Shaving Cream	—	9/-	—	,,
Toilet Lanoline	2/8	4/-	5/9	,,
Solid Brilliantine	2/10	4/4	6/2	,,
Vanishing Cream...	2/8	4/-	5/9	,,

MEDICINAL PREPARATIONS.

	½ oz.	1 oz.	2 oz.	
Blue Ointment	5/2	8/9	15/9	doz.
Boracic ,, ...	2/10	4/4	6/2	,,
Calomel ,, ...	4/10	8/-	14/-	,,
Capsicum ,, ...	3/2	4/10	7/-	,,
Sulphur ,, ...	4/-	6/2	10/6	,,
Zinc ,, ...	3/10	5/6	9/3	,,
Borated Petroleum Jelly	3/2	4/10	7/-	,,
Capsicum ,, ,, ...	3/4	5/-	7/8	,,
Carbolized ,, ,, ...	3/2	4/10	7/-	,,

Customer's name FREE on 3 dozen of any one preparation.

BONUS.—With an order for 2 gross assorted Preparations, we will give a bonus of 1 dozen 1-oz. tubes of any Toilet Preparation.

Telephone: HOP 4170 (2 lines).

WILLIAM TOOGOOD LTD
77, SOUTHWARK ST
LONDON, S.E.1.

Telegrams: "TOOGOOD, BOROH, LONDON."

SUNDAY'S DINNER

The following article appears in "The Retail Druggist of Canada." It is well worth reading and will afford food for reflection. The question every Chemist should ask himself is? "How many articles am I carrying that do not contribute towards the Sunday Dinner," and we make bold to suggest there are far too many.

WHERE ARE THE PROFITS ANYWAY?

THERE is a lot of misapprehension as to where profits really are in drug store sales. Some men have started in as boys and have grown grey and venerable in the business, under the unfortunate delusion that each sale yielded a percentage of profit. These people have felt a fine satisfaction as a silver quarter, half dollar, or five-dollar bill found its way into the cash register or the old-fashioned till. They have said to themselves smugly,

"I have made a nice profit on that transaction. My bank account will be ten cents, twenty-five cents, or two dollars larger (as the case may be). On the strength of that good business, I will buy a chicken for my Sunday dinner!"

Now, as a matter of fact, the five-dollar sale of some goods may not have represented a penny of profit, so that the purchase of the chicken was unwarranted, and a little later on the druggist was worried because there was no cash in sight with which to pay his jobber. Where do the profits come from anyway?

The only object in increasing sales in the drug store is to increase profits, and so it is very timely that we stop here and now and find out where the profits really do come in. It will not hinder us long to stop and find out—then we can take these facts into consideration in all the business we do from this moment forth, world without end! Many a man who has failed to stop and find out where his profits came in, has failed and never understood the reason why.

The moral of the story is "push the lines that pay"—that is to say, your own Specialities. Let us know your requirements and we do the rest. Write for our illustrated Catalogue—there's money in it.

ROBERT BLACKIE, Wholesale Manufacturing Chemist
(Sole proprietor of the world-famed Spun Ointments),
SHEN WORKS . . TOWER BRIDGE ROAD, LONDON, S.E. 1

Telegrams— "USHENSPUNA, LONDON."
Telephone— HOP 2415

WE supply **Powder Puffs** of all kinds in **Down** or **Wool** at prices defying competition in this country!! None but the choicest Skins and the highest grade of Wool are used in conjunction with their manufacture. We are in a position to ensure quick deliveries of **Swansdown Skins** and **Wool Cloth** in several qualities, and we cordially invite inquiries from **Makers.**

ONE OF OUR MANY LEADING LINES.

Bath Puffs with large Liberty Bow.

Nos.	370	380	390	400	400 bis	420
Sizes	3"	3½"	4"	4½"	5"	5½"
per dozen	12/6	15/-	21/6	27/-	33/-	38/-

We also SPECIALISE in

MANICURE REQUISITES
NAIL POLISHERS FAVEUR RIBBONS
PERFUME LABELS, "Le Relief" Paris.
We can show you the latest Paris Creations.
DRUGGIST SUNDRIES, etc.
Compact Powder, Nail Crayon and Paste, Vanishing Creams and Skin Food, Perfumery.
In Bulk or Packed ready for Export.

Samples and detailed Price Lists are sent upon request to **WHOLESALERS and SHIPPERS ONLY.**

J. R. BOURLAT, GOES & Co.
(Incorporating Wm. A. J. SHARPLES)
21 Clarendon Rd., Holland Park, London, W.11
Telephone: PARK 2592.
Laboratories: **4 Beatrice Road, Stroud Green, N.4**
LONDON PARIS BRUXELLES

Be prepared!

ADVERTISEMENTS for "Semprolax" are appearing regularly in all the best-known national dailies and weeklies. Be prepared for the certain demand for this elegant and palatable 80 per cent. Liquid Paraffin Conserve. Satisfies your customers and increases your profits and prestige.

"Semprolax" TRADE MARK
LAXATIVE CONSERVE

P.A.T.A. Prices:
25% profit.

	Retail.	Per doz.
½ lb.	2/0	18/0
1 "	3/9	34/0
2 "	6/6	58/6

The
Wm. Browning Co. Ltd.,
Albert St, Regent's Park,
London, N.W. 1.

21/-
OUTLAY
YIELDS
9/9
PROFIT

Medicura Regd
Toilet and Medicinal Soap

£5
OUTLAY
YIELDS
£2/14/-
PROFIT

Combines all the virtues of a true Toilet Soap and preserves the skin in a healthy condition. It is superfatted to a degree and medicated with a skilful combination of tried ingredients which will free the skin from all impurities and restore healthy action to the pores.

PRICES and TERMS

	MIN. NET.	DOZ.
STANDARD SIZE. (large toilet tablets)	10d.	7/-
	2/6 box	21/-
		GROSS.
Trial size - - -	3d.	27/-

£5 lots 5%
£10 lots 7½%
May be assorted with Midgley's Soaps or Duma Perfumery.

DISPLAY BONUS

■ ■ ■

Three Trial tablets given free with each dozen boxes of the standard size, subject to window or counter show being given.

ADVERTISING MATERIAL

Artistic Photogravure Triple Extending Showcards depicting the evolution of Medicura Soap, set of 3 attractive Cut-outs also finished in photogravure, descriptive leaflets and advertisement blotters, both with space for Chemist's Name and Address, supplied with each "Display" order, name and address printed free on both Leaflets and Blotters for a minimum £5 order.

Send Orders to

EVANS SONS LESCHER & WEBB
Limited
Liverpool New York London

Sole Distributing Agents for the Makers:

GEORGE HOLLIDAY & Co. Ltd.
Manch ster, Eng.

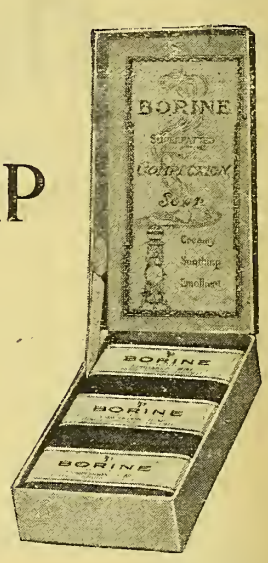
For Chemists Only.

BORINE

Superfatted

COMPLEXION SOAP

Reserved for Chemists only.



This New High-class Toilet Soap —containing Boracic Acid—is one of the most attractive we have yet offered.

Packed in 3 and 12-tablet boxes. Nominal Retail Price, 7½d. per Tablet, which Shows a Good Profit.

Samples and Prices on application. PRICE'S, BATTERSEA, S.W. 11.

More Men buy Anzora

every day. Sales continue to mount rapidly. Anzora is not tried and dropped. Every new user becomes a regular user. If you send us a small order to-day you will soon send a large one.

We advertise consistently and help you in every way.

Anzora Cream for greasy scalps.
Anzora Viola for dry scalps.
Obtainable from all Wholesalers.

Trade Terms :
12/- doz....retailed at 18/-
20/- „ „ 30/-

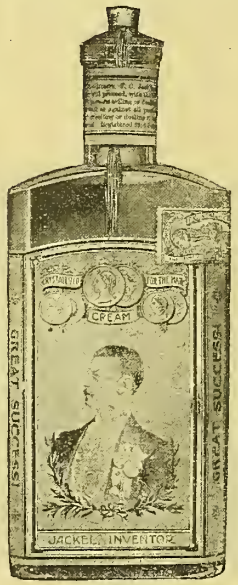
ANZORA

Masters the Hair

Anzora Perfumery Co., Ltd., Willesden Lane, N.W. 6

"Jackel's Cream"

(without Grease)
for THE HAIR
Sold everywhere
Established 1883.



CRYSTALLISED
1/9 CREAM 2/6
Trade Mark attached to each bottle.

"Jackel's Cream" fixes the hair in any desired position ; is unexcelled as a dressing and does not soil the headware. It removes Scurf and Dandruff, keeps the scalp healthy, and promotes the natural growth of the hair while maintaining its softness and brilliancy.

Prices for Wholesale and Export Houses on application.

Jackel et Cie (of Paris) Ltd.,
Sauchiehall Street
GLASGOW.

Another Stride in the right direction

Full shelves in the retailer's shop are a confession of bad sales-policy on the part of the manufacturer—*We want your shelves empty.* We want our products to reach the consumer with the greatest possible speed.

To do this our sales-organisation is ever on the alert to take quick advantage of new selling possibilities. Everything and anything is done that will help the retailer to make quick sales. Thousands of pounds per month are spent on advertising alone, that the Gibbs lines may become increasingly popular, and ever present in the public demand.

Our latest step forward is represented by the

Gibbs Dentifrice

£500 Slogan Competition

The great number of entries for this competition which are already being received daily is evidence of the big business which many chemists are doing in Gibbs lines, since each entry must be accompanied by a Hygiene Certificate from a Gibbs package. We are awarding gifts to the Chemists from whom the seven chief prize-winners purchased their supplies of Gibbs Toilet Preparations, as follows:—

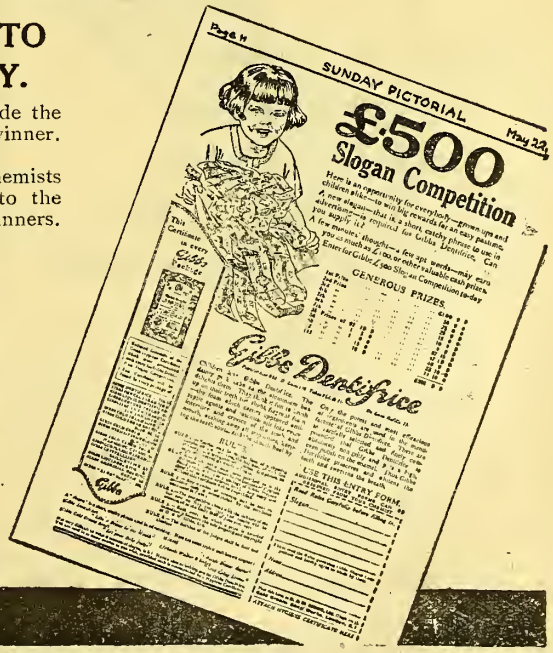
SPECIAL OFFER TO CHEMISTS ONLY.

£10 to the Chemist who made the sale to the 1st Prize-winner.

£5 to each of the Chemists who made the sales to the 2nd to 7th Prize-winners.

Further supplies of entry forms will be sent immediately on receipt of a post card. Please state number required.

D. & W. GIBBS, LTD.,
(*Dept. S5.*)
City Soap Works,
London - E.1.



Quick Turnover

Telegrams—"Porous London."
Codes—A B C, 5th Edition.
Telephone—City 6910 (2 lines).

104 & 106 GOLDEN LANE,
LONDON, E.C. 1.

DEAR SIR,

Re Antiseptic Toilet and Baby Powder, J. & J.

To gain the confidence of your customers is the keynote to SUCCESS. You are SAFE in recommending this powder; it has many rivals but no equal. BEST FOR TOILET, BEST FOR NURSERY. It will bring customers back to your Pharmacy over and over again for more, the QUALITY compels this, and that is what is wanted. Moreover, the customers' presence offers the opportunity to sell them something else.

Yours faithfully,

JOHN TIMPSON & CO., LTD.

Agents for JOHNSON & JOHNSON.

Récamier

CRÈME RÉCAMIER
RÉCAMIER POUDRE
SAVON RÉCAMIER
CRÈME DU HAREM
VANISHING CREAM

AN extensive general Advertising Campaign has commenced which will assure the sales of the above well-known Toilet Requisites and bring purchasers to *you*. Moreover, we are prepared to help you in your own district. Write at once, and we will send you full particulars of our special offer, and our trade terms.

RÉCAMIER PRODUCTS CO.
4 St. James's Street, London, S.W. 1.

STRODONIA Vanishing Cream.

NOW SUPPLIED IN
ALUMINIUM
SCREW-CAPPED JARS.
10½d. size—7/6 doz. 1/3 size—10/6 doz.
FROM LONDON WHOLESALERS.

Direct orders value £5, subject to 1 doz. 1/3 size Bonus for window display and 5% discount cash, one month; £2/10/0 subject to ½ doz. 1/3 size Bonus for window display, net.: £1/10/0 subject to ¼ doz. 1/3 size Bonus for window display, net. Carriage paid on £1/10/0 upwards.

STRODE COSH & PENFOLD, Broadmead, BRISTOL.

Fanchette (Regd.)
LIQUID FACE POWDER

A Charming Toilet Preparation.

Selling Price, 2/6 per bottle.

Retailers, Less 33⅓ % Wholesalers, Less 33⅓ % & 20 %

MANUFACTURERS:
HARRIES, Fanchette Toilet Preparations
46 PARK CRESCENT MEWS WEST, W. 1.

DEARBORN

LIMITED

37 Gray's Inn Road, LONDON, W.C.

Toilet Specialities.

	Price per doz. to Retailer.	Selling Price P.A.T.A.
PILENTA SOAP - A complexion soap.	10/-	1/-
PROLACTUM - - For the lips.	10/-	1/-
PARSIDIUM JELLY For wrinkles.	10/-	1/-
ALLACITE of ORANGE BLOSSOM A dressing cream.	22/6	2/6
BORANIUM - - A hair tonic.	22/6	2/6
CLEMINITE - - For a face lotion.	22/6	2/6
COLLIANDUM - - For a face tint.	22/6	2/6
PERGOL - - - A deodorant.	22/6	2/6
STALLAX - - - For a shampoo.	22/6	2/6
JETTALINE - - For clearing the skin.	31/6	3/6
PHEMINOL - - A depilatory.	36/-	4/-
MENNALINE - - For the eyelashes.	36/-	4/-
MERCOLIZED WAX A face cream.	31/6	3/6
STYMOL - - - For oily complexions and blackheads.	36/-	4/-
BARSYDE - - Dandruff eradicator.	22/6	2/6
TAMMALITE - - For grey or faded hair.	22/6	2/6
LIQUID PERGOL - To check excessive perspiration locally.	31/6	3/6
BICROLIUM - - For whitening the hands.	22/6	2/6
HARAPOSA - - Nut oil shampoo.	22/6	2/6

STOCKED BY ALL WHOLESALE HOUSES

COLONIAL DEPOTS AND AGENCIES.

AUSTRALIA:
ALL WHOLESALERS, and
DEARBORN, Ltd., Grace House, Clarence Street, Sydney.

SOUTH AFRICA:
LENNON & CO., Ltd. (Cape Town)
SIVE BROS. & KARNOVSKY, Ltd. (Johannesburg)

INDIA:
KEMP & CO., Ltd. (Bombay)
THE INTERNATIONAL TRADING CO., Princess Street (Bombay)
R. MACLURE (Madras)
SMITH, STANISTREET & CO. (Calcutta).
MEHTA BROS. (Calcutta)
JAMNADAS BROS. (Bombay)

NEW ZEALAND:
SHARLAND & CO., Ltd. (Auckland & Wellington)

SOUTH AMERICA:
DEARBORN, Ltd., Calla' Salta 264, Buenos Aires.

What other Dentifrice combines Forhan's merits?

Many chemists stock three or more brands of tooth-paste. But how many of those you stock have a medicinal value in the treatment of Pyorrhea?

Because Forhan's For the Gums contains a portion of the curative Forhan's Astringent, it is doubly valuable as a dentifrice and as a treatment for Pyorrhea.

Forhan's For the Gums is packed in double-size tubes and keeps indefinitely without hardening. Displays available on request. Write for prices and trade information.

THOS. CHRISTY & CO.
4-12 Old Swan Lane,
London, E C.4

Forhan's

FOR THE GUMS

Every box of Poudre Nild now contains a Puff o Pre-War Quality

Here is an added stimulus to demand. In future, the phrase "Every contains a puff" will mean a puff of the highest quality, which we are now includin every box of Poudre Nildé. War conditions compelled us to substitute an article somew below the high standard we desired.

When existing stocks are cleared, the return to pre-war quality will be wi advertised to the public.

POUDRE NILDÉ

in the sifter box

Shows you 33⅓% on selling price.

If you are *au fait* with your customers' needs you will not hesitate to stoc regularly. Not only is it a line which "turns over" rapidly and at a good profit, but it g your customer 100% satisfaction—*always*, and therefore builds up goodwill, and makes the expansion which is based on recommendation.

Minimum Selling Prices:

ROUGE INVISIBLE NILDÉ

in the sifter box.

Small size - - - - -	1/6
In leather case - - - - -	5/6

Tints: Brune & Blonde.

POUDRE NILDÉ

in the sifter box.

Handbag size - - -	
Medium size - - -	
Large size - - - -	
Leather or fancy silk vanity cases, with mirror, small size	
Medium size - - - -	
Large size - - - -	

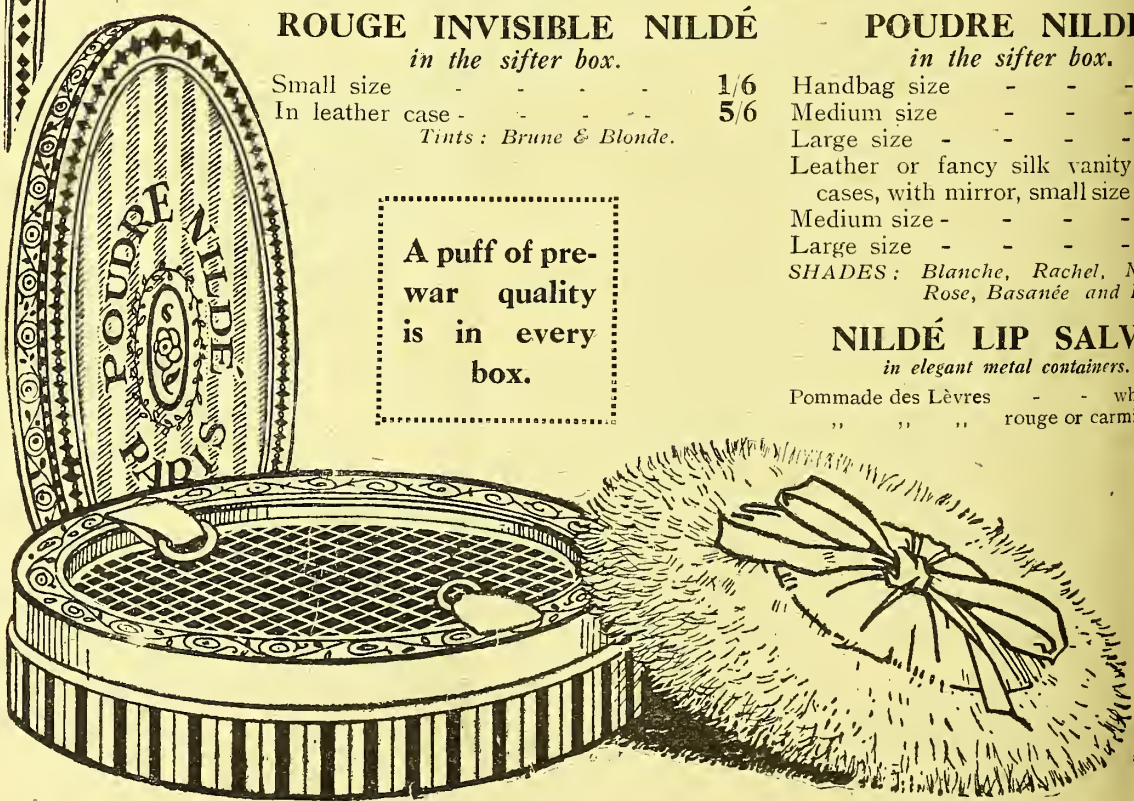
SHADES: Blanche, Rachel, Natur Rose, Basanée and Indie

A puff of pre-war quality is in every box.

NILDÉ LIP SALVES

in elegant metal containers.

Pommade des Lèvres - -	white
,, ,, ,,	rouge or carmine



The Goodwill

integrity of the Parisian House of Nildé has been established through ng period of honourable intercourse with the British Public.

CRÈME DE BEAUTÉ NILDÉ

Shows you 33⅓ % on selling price.

Crème de Beauté Nildé, the perfect face cream, is a characteristic ple of Nildé products which your customers will appreciate as a *permanent* ion to the necessities of the Toilet. Its inviting appearance, together with ppeal of the name behind it, will make an easy initial sale, and after that roduct recommends itself. It becomes merely a matter of meeting demand.

Recollect also that the proprietors of Nildé preparations are nually stimulating this demand by an output of attractive sales-bringing city, thus keeping the name Nildé perennially fresh in the public mind—stant reminder to those who are already customers, an inducement to who are not—to make a trial purchase.

MINIMUM SELLING PRICE ... 2/- LARGE ... 3/-

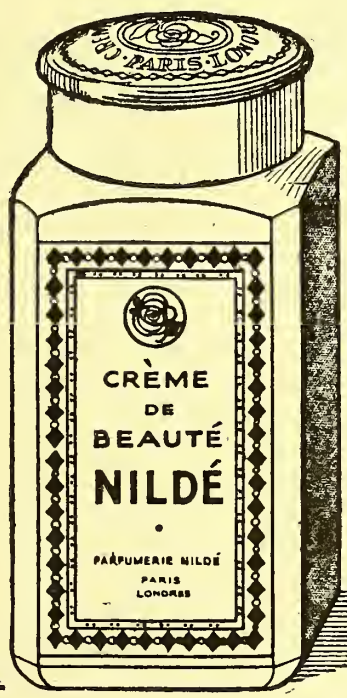
In two Shades: Blanche and Naturelle.

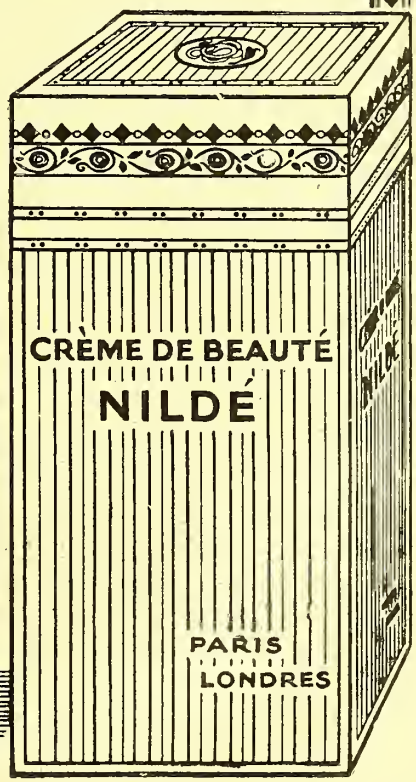
ORDER THROUGH YOUR WHOLESALE HOUSE.

NILDÉ, Paris

British and Colonial Agents:

8 BLENHEIM ST., LONDON, W.1.





PEDICULOSIS

"DERBAC" *(Disinfestant)* SHAMPOO SOAP

For the safe, quick and effective destruction of Pediculus Humanus and the embryo in the nit **without the slightest injury to either skin or hair.**

Quickly destroys
Pediculus Capitis
Pediculus Corporis
Phthirus Pubis
and the
Embryo in Nit
Its occasional use prevents reinfestation.

P. A. T. A.

Exhaustive tests have been carried out under the supervision of the medical and nursing staff in one of the largest school clinics in this country; "DERBAC" *(Disinfestant)* Shampoo Soap, with one application, successfully and completely complied with the stringent test conditions set by medical officers, viz., *That the lice be destroyed, that the embryo in the nit be destroyed, and that no injury be done to either skin or hair.*

A MEDICAL OFFICER of high standing reports: "I have definitely established the fact that the Embryos are killed and undergo disintegration in the nit after treatment with your soap."

"Derbac" Soap is sold at 6d. & 1/- per tablet.

Write for full particulars and Trade Price List.

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WE BUY

Sprinklers
Glycerine
Tragacanth
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Any Quantity. Send Samples.
Cash Prices.

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THE *LINE with the QUICK REPEATS!*

"Lion Brand" PINE BATH SALT

per **3d.** Packet.

Best Wholesale Terms—

Gross Lots	Per Gross	
1	22/6	less 2½ %
2	22/6	„ 5 %
5	22/6	„ 10 %
20	22/6	„ 15 %

1 Gross Lots and over, Carriage Paid.

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Wholesale Botanical Druggists, SHEFFIELD

SELF-FIXING
HERMETIC
WASHABLE
BOTTLE CAPS
ARE
ELEGANT
EFFICIENT
STRONGEST
CHEAPEST
and BEST.
IMMEDIATE DELIVERY.
CARRIAGE PAID.

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Development Co., Ltd.
BROMLEY :: KENT.

CARRIAGE PAID
ANY AMOUNT—ANYWHERE.

Brillantines, Hair Creams, Bay Rhums, Vanishing Creams, Glycerine and Cucumber, etc. etc.

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A NEW LINE!

Crystal Brillantine

Beautifully packed in 3-oz. bottles, fitted with Sprinklers, Transparent Labels.

9/6 per doz.

Produced in SIX Elegant Colours.

THE ABBEY COMPANY, Ltd.

4 Clerkenwell Green, E.C. 1.

Telephone No.: Central 9693. Telegrams: "Abbefumery, Smith, London."

A CHALLENGE

by the Manufacturers of THE FAMOUS

AMAMI

NAIL STONES

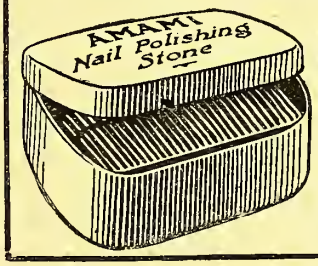
in the Original Aluminium Box.

THE Proprietors of the Famous AMAMI NAIL STONES offer £5 to any charity, and a public apology, if it can be proved that any similarly packed product antedates AMAMI.

AMAMI NAIL STONES, as all AMAMI products, are *absolutely* British made, and the factory in London is open to the inspection of genuine enquirers.

P.A.T.A. 1s.; 6/9 per dozen. All wholesalers.

Samples. Bonus Terms. £100 Window Dressing Competition.



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(Wholesale), Ltd.

469 Holloway Road,

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A big vigorous, impressive advertising campaign, covering the whole of the British Isles, is now being pursued. A vastly increased volume of business is inevitable. Generous profit to the trade has been arranged.

TATCHO

THE HAIR GROWER

Price **2/9**

Wholesale:

26/-

PER DOZEN.

TATCHO-TONE

FOR GREY HAIR

Price **4/6**

Wholesale:

42/-

PER DOZEN.

GEO. R. SIMS' HAIR RESTORER CO.

5 Great Queen St., Kingsway, LONDON, W.C.2.

FOR LARGE BUYERS.

Shampoo Powders

ALSO

Pomade Hongroise, Brilliantines, Dry Shampoo (Liquid), Bay Rhums, Toilet Paraffins, Lime Creams, Shaving Sticks, Tooth Powders, Dental Creams, Vanishing Creams, and all kinds of Toilet Goods.

LOW PRICES for HIGH QUALITY.

C. A. STOKES & CO., Ltd.

Manufacturing Chemists and Perfumers,

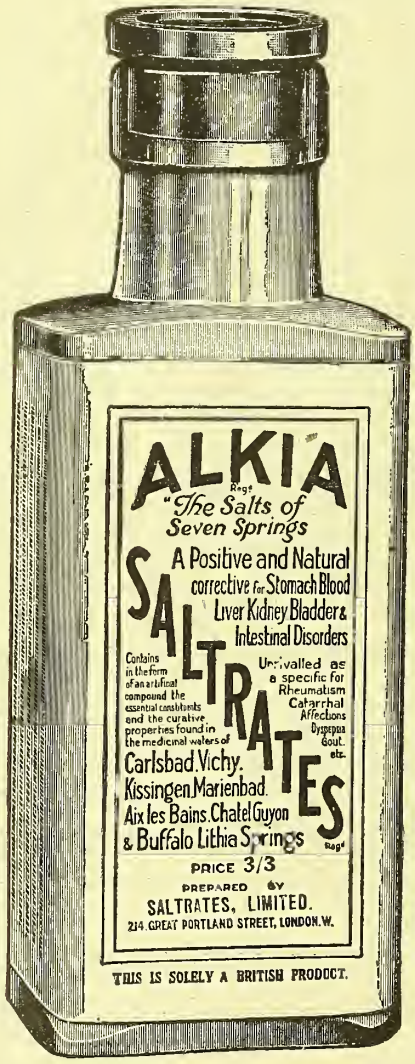
11 ECLIPSOL WORKS - BRISTOL.

LONDON SHOWROOM—

City Press Chambers, 149 Aldersgate Street, E.C. 1.

Two Lines which you, Mr. Chem

They always mean a pleased and satisfied Cust



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A widely advertised and quick selling product, which represents the maximum of possible efficiency in a saline, and the best value obtainable for the money. Being highly concentrated, exceptionally small doses are sufficient, and there is no trace of any salty or other unpleasant taste.

Protected on P.A.T.A. at the full face value of 3/3 a large bottle.

A FEW OF T

OF ALKIA SALTRATES

who have written us praising

Mr. A. F. BETTINSON.
Founder and Manager, National Sporting Club.

Mr. EUGENE CORRI
Famous Referee.

JIMMY W
World's Cham

ERNEST BARRY.
World's Sculling Champion.

JACK DONALDSON.
World's Champion Sprinter, Record Holder for 75, 100, and 125 yards.

ALFRED S
Champion Lon Runner, Hol World's R

FURTHER ENDORSEMENT.

Amongst the hundreds of other well-known people in the Sporting World we have received letters telling us of the benefits they have derived our products are:—

Fred Fulton; Eddie McGoorty; Jim Sullivan; Johnnie Basham; Yo T. Deschamps; Ted Lewis; Tom Payne; W. R. Applegarth; W. J. E. Deakin; Alfred Felton; W. G. East; D. C. Hatfield; Arthur Nightingale; W. J. Bailey; Harry Martin; J. B. Hobbs.

Not designed as the cheapest preparations

YOU CAN STOCK THESE GOODS ON *GUARANTEED SALE* TERMS.

Carriage paid in United Kingdom on orders for 3 dozen, which may be assorted.

Handsome showcards of strong selling power sent free on request. Display them in your window, and attract extra business from our present extensive advertising campaign.

Recommend with Full Confidence

e they do exactly what our advertisements say.

OMINENT USERS

UL BATH SALTRATES,

cts in the highest possible terms.

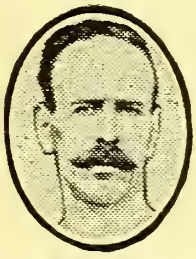
RGES RPENTIER, *opear eavy-weight Ch pion.*

JOE BECKETT, *English Heavy-weight Champion.*

BILLY WELLS, *The Famous Boxer.*

C. W ART, *hampi Distance unner lds Two World ecords.*

EDGAR C. HORTON, *Champion Long-distance Walker, Holds Eleven World's R cords.*



H. V. L. ROSS, *Champion Distance Walker, Twice Winner London Brighton Walk, Holds Three World's Records.*

Th usands of commendatory letters on file, an open to examination by anyone.

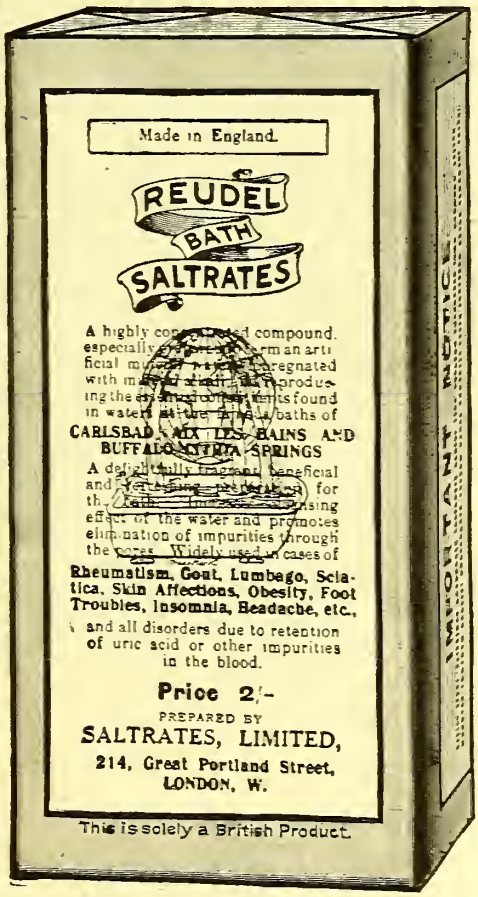
mbers the medical profession, trained nurses, prominent business men, us acto and actresses, men well known in the Army, Navy, sporting world, l walk life are amongst thousands of the correspondents who have written raising Saltrates in the highest possible terms after having experienced emarkal curative effects. The ethics of the medical profession do not permit making blic any physicians' names, but our files of other commendatory s are o to inspection by anyone at any time.

d, b the best producible, regardless of cost.

RMS FOR WINDOW OR COUNTER SHOW.

Retailers' orders for one gross or over (which be assorted, we will give a bonus of ½-doz. a Saltrates or Reudel Bath Saltrates on the erstanding that our goods will be given a Window Counter Show. The free goods will be assorted he same proportions as the goods ordered.

REUDEL BATH SALTRATES.



The best selling and most fragrant, refreshing, beneficial and all-round satisfactory preparation for the bath or for general toilet purposes.

Especially recommended in cases of foot trouble or rheumatic pains, stiffness, etc. Now being extensively advertised.

Protected on P.A.T.A. at the full face values of **2/-** *and* **3/3** *(double size).*

SOLD BY CHEMISTS

HAYWARD'S

Eureka WEED KILLER

THE BEST KNOWN and LARGEST SALES.
FULL STRENGTH. ALWAYS EFFECTIVE.

Powder and Liquid Qualities promptly supplied to meet Railway Regulations and all Requirements.

Write for Terms and Special Advertising Arrangements.

TOMLINSON & HAYWARD, LTD., LINCOLN

DISINFECTANTS

OF ALL KINDS.

Disinfecting Fluid,
Co-efficient Disinfecting Fluids,
Carbolic Acid (LIQUID and CRYSTALS),
Cresylic Acid,
Naphthaline,
Lysol, and
Disinfecting Powders.

The "KILLGERM" Co. Ltd.
CLECKHEATON.

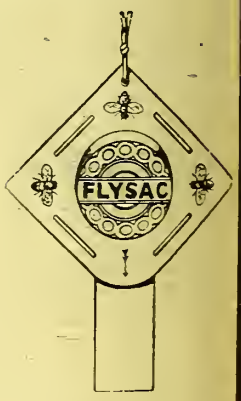
Telegrams: "Disinfect Cleckheaton."
Telephone: 237 Cleckheaton.
Codes: ABC and Bentley's.

Flycatchers

Modern Suspensory Types.

'FLYSAC'

Pleated Tape
(as illustrated).



'VIPER'

Rolled Band.
In two widths
2-in. and 4-in.

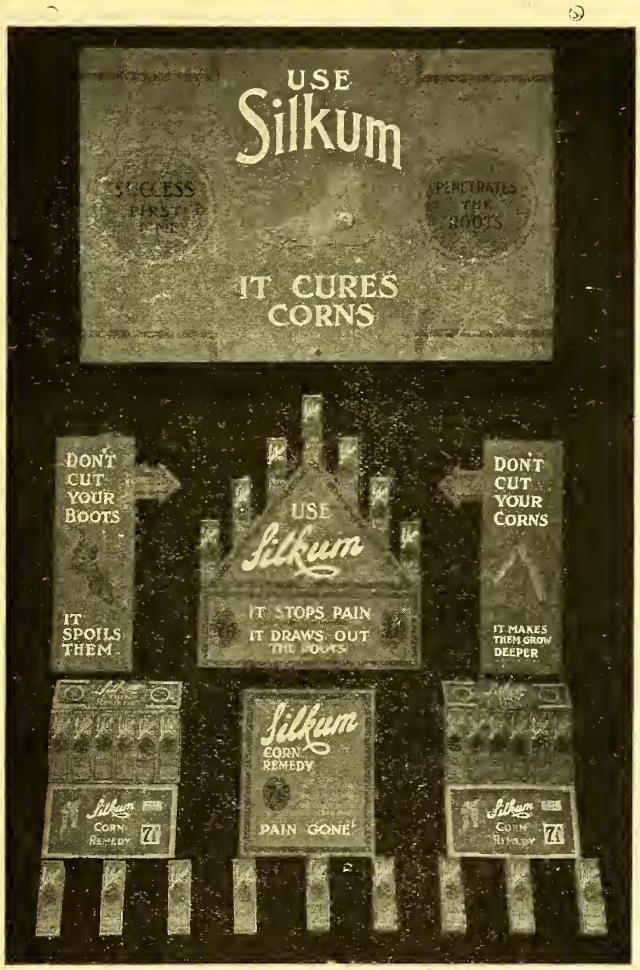
From all Wholesalers and the Sole Makers:

KAY BROTHERS Ltd.
STOCKPORT

SILKUM

Restricted transport means more walking and an increased demand for Corn remedies. This window has already sold grosses and grosses of Silkum, and the cards illustrated are only a part of what we send you with an order for a gross or more.

Silkum is one of our most successful lines—a plaster on silk with adhesive discs to hold it in position. Some chemists pay their rent out of Silkum alone, why not YOU?



100% Profit for YOU.

In a 5-gross lot, Silkum costs **45/-** per gross or **3¾d.** per packet. A packet sells for **7½d.** Your profit on this quantity is **£11 5s.**

1 gross at **48/-**

Make a Display NOW!

"Moorland Pharmacy Service."

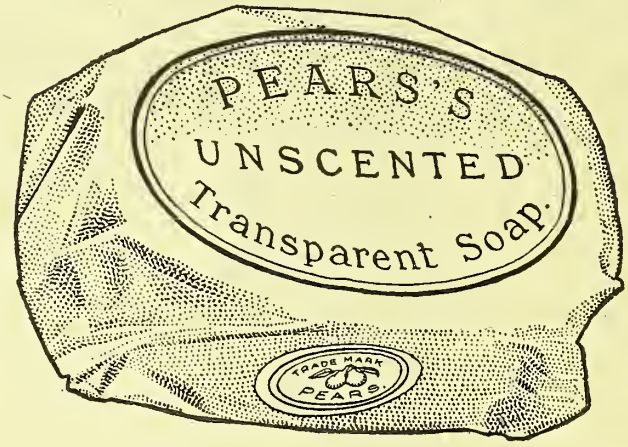
W. B. CARTWRIGHT LTD
RAWDON NEAR LEEDS

Australia.
297-299 CASTLEREAGH ST SYDNEY.
326, FLINDERS LANE, MELBOURNE.

MOORLAND BRAND

New Zealand,
161, HEREFORD ST. CHRISTCHURCH.
CORNER ALBERT & DURHAM STS AUCKLAND.

"Moorland Pharmacy Service."



Next month will see the demand for Pears' Soap greater than it is to-day. Pears' Advertising is creating this trade for you.

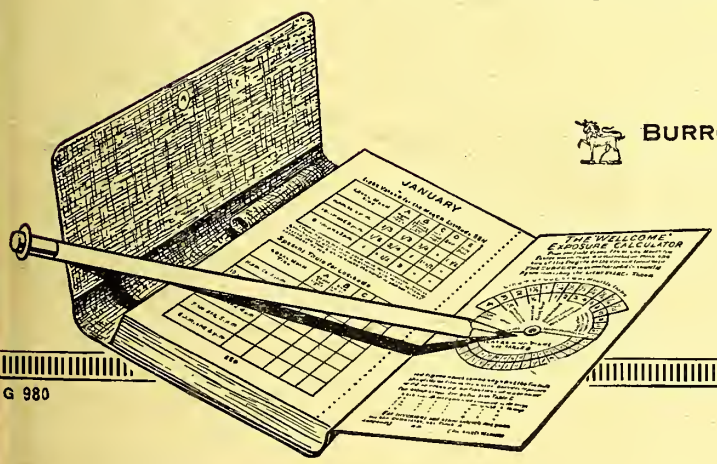
Pears

A. & F. Pears, Ltd., 71-75, New Oxford Street, London, W.C.1.

'WELLCOME'
Photo Exposure Calculator
Handbook and Diary, 1922

Many Photographic Chemists and Dealers were unable to obtain supplies of the 1921 edition because they deferred placing their orders until the book was published.

We are therefore prepared to accept orders for the 1922 issue NOW. All such orders will be regarded as firm orders and, if placed with us before the end of May, 1921, will ensure delivery in full as soon as the book is published.



BURROUGHS WELLCOME & CO.
LONDON

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THE BRITISH DRUG HOUSES LTD.

SODII SULPHAS B.D.H.
AND
MAG. SULPHAS B.D.H.
(P.P.P.)

are the best for retail sale because they are :—

(1) Warranted Pure for Pharmaceutical Purposes ;

(2) Free from all chemical and mechanical impurities ;

(3) Manufactured by The British Drug Houses Ltd. under scientific control and submitted to careful analysis in their laboratories ;

(4) Brilliant white articles which retain their colour and appearance ;

(5) Perfect in form and of unequalled elegance ;

(6) In compliance with the requirements of the B.P. 1914, and the Sale of Food and Drugs Acts.

IMMEDIATE DELIVERY FROM STOCK.

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THE CHEMIST AND DRUGGIST

ESTAB 1859

A Weekly Journal of Pharmacy and of the Chemical and Drug Trades

THE CHEMIST AND DRUGGIST is in circulation and reputation the leading journal addressing the Chemical and Drug trades in the British Empire and other countries in the Old and New Worlds. It is the official organ of the Pharmaceutical Society of Ireland, the Chemists and Druggists' Society of Ireland, and of other Chemists' Societies in the Overseas Dominions.

Subscription Rate. TWENTY SHILLINGS a year payable in advance to any part of the world, including a copy of *The Chemist and Druggist Diary*. Subscriptions may begin with the first issue of any month. Single Copy 9*d*. post free; *Diary*, 10*s*. post free. Postal orders and cheques should be crossed "Bank of Liverpool and Martin's Ltd."

Prix de l'abonnement annuel: le journal une fois par semaine, et l'agenda une fois par an, 20*s*., franco.

Il prezzo dell'abbonamento annuo è di 20 sc. franco, e s'intende per un numero settimanale del periodico, ed un esemplare del diario annuale.

Precio de suscripción anual: el periódico una vez por semana, y el agenda una vez por año 20ch., franco.

Terms for Advertising may be obtained on application to the Publisher.

HEAD OFFICE: 42 CANNON STREET, LONDON, E.C. 4.

Telegrams: "Chemicus, Cannon, London." Telephone: Central 3617 (three lines).

BRANCH OFFICES: { 49 County Buildings, Old Millgate, MANCHESTER. MELBOURNE and SYDNEY, AUSTRALIA.

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Coming Events.

This section of the "C. & D." is reserved for advance notices of meetings or other events. These should be received by Wednesday of the week before the meetings, etc., occur.

Tuesday, May 10.

North London Pharmaceutical Association, Progressive Pharmacy Club, Arundel Hotel, Strand, London, W.C., at 8.30 P.M. Annual meeting.

Edinburgh Chemists' Golf Club. Edinburgh *v.* Glasgow, at Turnhouse.

Ealing Pharmacists' Association, Eden's Restaurant, High Street, Ealing, W. 5, at 8.30 P.M. Annual meeting.

Wednesday, May 11.

Edinburgh Chemists' Golf Club. Fixture at Lothianburn. A motor-'bus will run from Braid Hills car-terminus at 2 P.M.

Manchester Pharmacists' Golfing Society. Competition for President's prize at the North Manchester Golf Club, at 2 P.M.

Thursday, May 12.

London Chemists' Golfing Society. Competition for Carmichael Trophy at Wembley Course.

Saturday, May 14.

Royal Institution of Great Britain, Albemarle Street, Piccadilly, London, W. 1. Mr. E. C. C. Baly, F.R.S., on "Chemical Reaction" (Lecture II.).

English and Welsh News.

The Editor would be obliged if subscribers would send him marked copies of newspapers containing items of interest for insertion in this or other news sections of the "C. & D."

The Opium Traffic.

The first meeting of the Consultative Committee appointed by the Council of the League of Nations to deal with the question of the control of the trade in opium and other dangerous drugs was held at Geneva on May 2. The function of this Committee is to assist and advise the Council of the League in the duty entrusted to it by the Covenant of supervising the execution of The Hague Convention relative to opium and dangerous drugs. The Committee is composed as follows: W. G. van Wettun (Netherlands), Sir Malcolm Delevingne (Great Britain), Gaston Kahn (France), J. Campbell (India), A. Ariyoshi (Japan), Tang Tsai Fou (China), Señhor Ferreira (Portugal), and Prince Charoon (Siam). Attached to the Committee in the capacity of assessors are Sir John Jordan (late British Minister at Pekin), M. Brenier and Mrs. Hamilton Wright (respectively the French and American secretaries of the Committee), and Dr. Hawkling Yen (of the Secretariat). The Committee elected Mr. van Wettun as chairman and Sir Malcolm Delevingne as vice-chairman. It was then decided to request the Council to ask such members of the League as had not already done so to ratify The Hague Convention, and further, to ask the Dutch Government to use its good offices with nations not members of the League to the same end. Finally, the Committee proceeded to settle the terms of a *questionnaire* to be sent to such countries as had already ratified The Hague Convention in order to obtain from them all information relevant to its enforcement.

Royal Academy of Arts.

The diminution in the number of pictures accepted for this year's Royal Academy Exhibition, which opened at Burlington House, London, W., on May 2, has, naturally, rendered their inspection a matter of less physical discomfort than usual; this modification of the official policy has not, however, disturbed the balance of styles in any marked degree. The almost innumerable studies of flowers, with conventional inscriptions to match, may conceivably give hints to ladies in search of ideas for table decoration, but the science of botany as a whole seems to have afforded no artistic inspiration during the past twelve months. Chalk-pits and herbaceous borders retain their customary fascination for painters—or for the selection committee; book-plates, on the other hand, are represented, so far as one noticed, by a solitary design (872) bearing the quaint explanation "For a Wool Merchant." A few of the portraits are of interest by reason of the personality of their sitters—chiefly those of Sir Aston Webb, K.C.V.O., P.R.A. (30), who, as our readers know, is a brother of Mr. E. Alfred Webb, Ph.C., deputy-chairman of Evans Sons Lescher & Webb, Ltd.; Major-General Sir Anthony Bowlby, K.C.B., President of the Royal College of Surgeons (148); Sir Napier Shaw, F.R.S., late director of the Meteorological Office (348); and Sir William Ridgeway, D.Sc., the archæologist (488). Among the miniatures will be found two by the Misses E. C. and J. L. Brisley, gifted daughters of a Sussex pharmacist; the former is represented by a dainty portrait of a lady (805), and her sister by "The Ugly Duckling" (740), a charming study of a red-haired boy with his hands resting on a terrestrial globe. Sir Aston Webb and his son have contributed several plans or elevations to the Architectural Room, among them being a sketch for the memorial to the London troops (992), a design for a bank (945), and a coloured drawing of a group of cottages (1,044). A tentative design for the University of London's future home (937) is duly imposing, but a representation of the Admiralty Research Laboratory, Teddington (934), suggests that, for once, a Government Department has been in an economical mood. A set of silver medallions (1,115) by Mr. F. Mowbray Taubman, artist and pharmacist, should not be overlooked, and visitors to the forth-

coming British Pharmaceutical Conference will be interested in an impression of part of the front at Scarborough (580). The prevalence of canvases depicting recent events suggests that at this time next year we shall be reminded, perforce, of the coal strike. It is a chastening thought.

London Chemists' Retail Price List.

The following are among the alterations in the May issue of the London Chemists' Retail Price List:

Higher.—Aspirin, 9*d.* oz.; ac. salicylic. nat., 1*s.* dr.; aloes barb., 6*d.* oz.; amm. benz. synth., 4*d.* dr.; caffeina, 1*s.* 1*d.* dr.; calx chlorinata, 1*s.* 6*d.* lb.; lith. cit., 5*d.* dr.; lith. salicyl., 6*d.* dr.; menthol, 1*s.* dr.; ol. anisi, 9*d.* oz.; ol. bergamot., 5*s.* 6*d.* oz.; phenazonum, 6*d.* dr.; pot. iod., 6*d.* dr.; salicin., 5*s.* 6*d.* oz.; sod. salicyl. cryst., 8*d.* oz.; tinct. chlorof. et morph. '85, 1*s.* oz.; tinct. gelsemii, 9*d.* oz.; tinct. kramer., 9*d.* oz.; tinct. opii, 10*d.* oz.; ung. gallæ c. opio, 10*d.* oz.; vin. colchici, 1*s.* oz.

Lower.—Ac. acetic., 1*s.* 3*d.* lb.; ext. cinch. rub. liq., 1*s.* 5*d.* oz.; ferri et quin. cit., 3*s.* 2*d.* oz.; mag. cit. eff., No. 1, 1*s.* 4*d.* 4 oz.; No. 2, 1*s.* 2*d.* 4 oz.; ol. caryoph. ang., 1*s.* 8*d.* oz.; ol. tereb. coml., 1*s.* 6*d.* pt.; spt. vini meth., 1*s.* 9*d.* pt.; sacch. lactis, 3*s.* 3*d.* lb. There have been many re-costings in view of the increase of rates and taxes.

Sale of Food and Drugs Acts.

The annual report of the Lancashire city analyst for the year 1920 states that the percentage of serious cases of adulteration was 3.34, as compared with 5.16 in 1919. The number of samples taken informally was 1,719. Of 85 formal samples of drugs the following six were found to be adulterated: Chlorate of potash lozenges (0.33 gram of potassium chlorate instead of 0.2 gram), 1 (out of 3); Epsom salts (arsenic, 7 to 15 parts per million), 4 (out of 34); magnesia (arsenic, 20 parts per million), 1 (out of 12). Two samples of cinnamon [in powder (?)] were found to contain 3 per cent. and 2.2 per cent. of sand respectively; and nine samples of cream of tartar were spurious or adulterated, the details being as follows: Acid phosphate, with 20 per cent. salt and 4 per cent. maize starch, 2; acid phosphate with about 13 per cent. maize starch, 2; lead, 25 to 40 parts per million, 4; 21 parts lead, 35.7 parts copper, and 78.5 parts iron per million, 1.

Poisonings.

The following cases of fatal poisoning have been recorded since our last report:

At Acton Green, London, W. 4, Hilda Jenkinson died from the effects of drinking lysol.

At Shoreditch, London, E., Elizabeth Fulbrook committed suicide by taking salt of lemon.

At Southwark, London, S.E., Edwin Frank Harris committed suicide by drinking spirit of salt.

At Marylebone, on April 30, a verdict of "Suicide" was returned on the body of a glass-blower named Birtles, who was found dead on April 5 in Regent's Park. Dr. J. M. Gardner, professor of chemistry in the University of London, certified that death was due to hydrocyanic-acid poisoning.

An inquest was held in Westminster, on April 29, on the body of Mr. Henry Hobbs, managing director of W. H. Hobbs & Co., Ltd., essential-oil distillers, Trinity Place, E.C. 3 (see p. 57). The evidence showed that Mr. Hobbs, whose eyesight had lately been in an unsatisfactory condition, was found dead in bed at the Constitutional Club, Northumberland Avenue, W.C. 2. Death was certified as being due to hydrocyanic-acid poisoning, and a verdict of "Suicide while of unsound mind" was recorded.

Birmingham.

Trade depression, accentuated by the coal strike, shows no sign of passing away at present.

The Right Hon. J. W. and Mrs. Wilson have given 1,000*l.* to the Children's Hospital for the purchase of an *x*-ray equipment.

The death is announced of Mr. W. S. Mann, M.R.C.S., formerly one of the leading medical practitioners in Edgbaston, aged eighty. Dr. Mann was well known as a first-aid lecturer and examiner.

Insurance practitioners of the Sparkhill district have petitioned the authorities to consent to a scheme for the closing of surgeries on Saturday evenings, in addition to Wednesday, during the summer months.

The firm of opticians who have benefited a large number of necessitous people in the district by supplying them with spectacles free of cost have been compelled to restrict their generosity to twenty pairs of glasses a week.

The Lord Mayor's fund has been increased by donations from Alfred Bird & Sons, Ltd., and the Misses Southall, daughters of the late Mr. William Southall. The ladies are in charge of the relief centre at the Edgbaston Assembly Hall.

Local pharmacists avail themselves of the "miscellaneous advertisement columns" in the local Press to draw attention to their goods. The "health notes" often include recommendations of proprietary medicines of distant origin.

To prevent any misunderstanding as to the offer for sale of the premises occupied by Mr. J. W. Shields, chemist and druggist, Moseley Road (*C. & D.*, February 19, p. 46), it may be stated that Mr. Shields himself has purchased the building and has no intention of relinquishing his business.

It is proposed to form a chemists' motor touring club in the district. Anyone interested in the project should communicate with Mr. L. J. Sparke (representative of S. Maw, Son & Sons, Ltd., London), 181 Heathfield Road, Handsworth, or Mr. J. W. Atkinson, President of the Birmingham Pharmaceutical Association.

The levying of a charge against a local trader for the removal of trade refuse has recently been the subject of a protest. The position is that the corporation is not entitled, as in the case of private refuse, to make the collection of trade refuse a charge on the rates, and consequently it recovers the cost from the tradesman direct.

Bradford.

A summer course in field botany and Nature study has been organised by the Bradford Technical College. The leader, Mr. A. Malins Smith, is head of the biological department of the College.

The Bradford and District Pharmacists' Association is assisting in the formation of a local branch of the Retail Pharmacists' Union, but it has been decided that this new organisation shall be distinct from the Association. It is felt that the formation of a branch of the R.P.U. within the Association would tend to nullify the efforts which have been made for years past to eliminate any feeling that proprietor members of the Association were entitled to any special consideration. Two years ago the President and secretary of the Association were both non-proprietors. It is understood that Mr. J. A. White has accepted office as chairman of the Bradford branch of the R.P.U., and that Mr. A. T. Bailes (secretary of the Pharmacists' Association) will act as secretary of the branch.

Liverpool.

Influenza is again rather widespread in the district.

Mr. A. Lawrence, Great Charlotte Street, has a highly effective window-display, including corn-cure and "spring medicine."

Copies of the paper lately read by Mr. A. F. Porter, a director and general manager of S. Maw, Son & Sons, Ltd., London, before the local Association are being circulated.

Very little coal is being imported into Liverpool. Hanover Street businesses, happily, had accumulated stocks with which it is hoped to cover the period of shortage.

Mr. Henry Peet, M.A., F.S.A., has presented to the University of Liverpool a complete set of the "Proceedings" and publications (dating from 1885) of the Huguenot Society of London.

The monthly meeting of the Liverpool pharmacists' section of the National Union of Distributive and Allied

Vorkers was held on April 26, when the organising secre-ary, Mr. J. Gilmour, chemist and druggist, gave an nteresting address.

Mr. William P. Evans has written to the secretary f the Liverpool Chemists' Association expressing regret hat, owing to business engagements, he cannot take up is nomination as a delegate to the British Pharmaceutical Conference at Scarborough.

Manchester.

The 39 Market Street branch of Boots, Ltd., has a triking window-show of "Wizard Lightfoot Arch Builders."

The sudden burst of summerlike weather has caused large increase in the photographic business of those hemists who cater for this trade.

The first match in connection with the newly-formed Manchester and District Pharmacists' Golfing Society is be played on the North Manchester Golf Links on May 11. All pharmacists interested in golf are cordially nvited to join this Society. Mr. T. Miller, secretary of he Manchester Pharmaceutical Association, will give articulars to anyone interested.

A sentence of three months' imprisonment was passed Manchester, recently, on Henry Stanley Devonport 7), Upper Chorlton Road, Whalley Range, for obtain g 638*l.* from a firm of chemical agents in Tower Hill, ondon, by false pretences. The accused represented to e firm that he was in a position to supply them with cwt. of citric acid crystals, but complaints by the stomers of the prosecuting firm led to the discovery at he had supplied bicarbonate of soda.

At Manchester Assizes, on April 29, a verdict of "Not ilty" was returned in a case in which George Mason 9), described as a chemist, and Ada McLoughlin were arged with conspiring to obtain money by false pre-nces. Mason was stated to have been given sums of oney by ex-Service men on the strength of a secret rmula (which, he said, had been handed down in his mily) for making "pain-curing incense," candles, and uff. The Judge said that, owing to the praiseworthy ndour of the witnesses, it seemed clear that a very ubtful business was entered upon, but there was every lication that genuine methods had been made to carry on.

Sheffield.

Sincere sympathy will be felt for Mr. George Squire, .C., who is seriously ill at his residence in Grange escent.

A local trader is offering 50*l.* reward to anyone who oves that his coal-tar disinfectant tablets are not twice strong as pure carbolic acid.

Local pharmacists cannot be accused of being "slow" en they take to motoring; another one has been fined ently for exceeding the speed-limit.

A motor-van belonging to J. Gilbert Jackson, Ltd., and ned to the St. John Ambulance Association, was con-cuous at the Labour Day demonstration in Endcliffe rk.

Additions to the panel list are a cause of inconvenience, prescriptions are sometimes received before the name the doctor writing them has been notified to panel emists.

Miscellaneous.

Shop-windows Scratched.—The windows of John Cross o., chemists, Oxford Road, Reading, were, on April 27, fully defaced by scratches.

Fire.—Damage estimated at 2,000*l.* was caused recently an outbreak of fire at the premises of G. L. Greenwood Co., Ltd., manufacturing chemists, Keighley.

Poison-licence Applications.—Mr. R. Seath, Favers-n, has applied to the local authority for a licence under tion 2 of the Poisons and Pharmacy Act, 1908.—A ilar application by Mr. H. J. Rayment (Cottenham allholders' Society, Ltd.) has been granted.—A licence the sale of agricultural and horticultural poisons has n applied for by White & Co., High Street, Tonbridge.

The Drug and Fine Chemicals Association, through its secretary (Sir William Glyn-Jones), has notified the Minister of Labour that in the opinion of the Association a Trade Board should be set up within the drug-trade. At present it is impossible to control the smaller firms, who pay low wages and cut prices to the disadvantage of those manufacturers who pay trade-union rates of wages. This amounts to an abandonment of the Industrial Council idea.

London Chemists' Golfing Society.—The first open meeting of the London Chemists' Golfing Society for this season was held on the North Middlesex course on April 28. The competition was 18-hole medal play for the "British and Colonial Pharmacist" cup. About forty competitors took part, with the following result: (1) J. Beattie (A Wander, Ltd.), 95 – 18 = 77; (2) C. Macdonald, 84 – 8 = 79; (3) W. Chapman, 97 – 18 = 79.

Profiteering in Rays.—The London County Council has lately received numerous complaints of overcharges in hairdressers' shops. One hairdresser, whom it was only possible to prosecute for a technical infringement of the by-laws, but whose real offence was a charge of 10*l.* 10*s.* for "violet-ray" treatment, was fined 5*l.* and 7*l.* 7*s.* costs. The public control committee of the Council has accordingly prepared amended by-laws with a view to the prevention of the abuses complained of, and understands that, subject to any objections that may be received, the Home Secretary is prepared to confirm them.

Wages in the Retail Drug-trade.—Speaking at a meeting of the National Drug and Chemical Union held at Anderton's Hotel, London, E.C., on May 1, Mr. H. R. Nightingale, general secretary of the Union and a candidate at the coming Council election of the Pharmaceutical Society, said that they must fight for a standard minimum and standard conditions. In Scotland there were not more than three qualified managers receiving more than 6*l.* a week. Mr. F. Hawkins, organising secretary, said that he had found qualified managers with thirty-eight years' service in one firm receiving 3*l.* 18*s.* a week, and assistants with three and four years' service getting 1*l.* 6*s.* a week.

In the Courts.—At Marlborough Street Police Court, London, on April 29, William Weltham or Welthman, a British-born son of German parents, was sentenced to six months' hard labour for being in unlawful possession of cocaine.—At the same Court, on May 2, Percy Myers, described as a salesman, and Mickie Desmond, giving a Limehouse address and no occupation, were remanded on similar charges.—At Guildhall Police Court, on May 2, Morris Kurling, barber, Hoxton, E., was discharged after the hearing of a case in which he was alleged to have received stolen surgical instruments, the property of James L. Hatrick & Co., Ltd., St. John Street, E.C. 1. It appeared that goods of the value of 87*l.* were stolen by a trick from a lad in Messrs. Hatrick's employ.

German War Crimes Inquiry.—During the hearing of the evidence taken at Bow Street Police Court, London, during the past few days in connection with charges of the ill-treatment of British soldiers while they were prisoners of war in Germany, sickening revelations of systematic cruelty have come to light. One may serve as a specimen. Hugh Ernest Medlow deposed that he was taken prisoner in 1916, and in April 17 was sent, with about forty others, to a chemical-factory at Pommerensdorf. They had to deal with salt and vitriol, and during the process the fumes were stifling, and the protection against them was totally inadequate. Many had to carry heavy sacks, though their backs were raw. Their hands would get cut, and acid would enter the wounds, causing intense pain. The effect of the diet was that the men contracted boils and skin disease.

South African Spirit Duties Increased.—The taxation contained in the special Budget introduced in the Union House of Assembly increases Excise and Customs duties on imported spirits by 5*s.* per gallon and Union spirits by 2*s.* 6*d.* per gallon.

Irish News.

Pharmaceutical Society of Ireland.

The report of the Council meeting which was held on April 12 has been delayed owing to the indisposition of our reporter. Among the matters dealt with was the revised draft of the Dangerous Drugs Act Regulations, and a protest was forwarded to the Home Office regarding the proposal to make the retail sale of laudanum by chemists a criminal offence.

Brevities.

Mr. H. T. Smyth, Ph.C., has opened a pharmacy at 43 Strand Road, Londonderry.

Mr. J. A. Woodside, Ph.C., captain of the Ballymena Golf Club, has presented a series of prizes to the club.

The Youghal Guardians have elected Mr. D. J. O'Mahoney, Cork, as analyst, at a salary of 10*l.* a year.—Mr. C. W. Mullen, Belfast, has been appointed analyst to the Balrothery Guardians at 15*l.* a year.—Limerick County Council has appointed Mr. W. J. Horne public analyst for co. Limerick.

Miss Ruth Lemon, B.A., T.C.D., daughter of Mr. T. Lemon, Ph.C., Market Hill, co. Armagh, has passed Part I. of the Final medical examination of the University of Dublin, and has been appointed resident pupil in the Royal City of Dublin Hospital for a term of three months. Miss Lemon joined the School of Physic of the University in 1917, having been awarded the Irish Society's Trinity Scholarship of 60*l.* a year, tenable for three years.

Sumner & Co., Ltd., Liverpool, have written to the Carrick-on-Suir Guardians threatening proceedings to obtain payment of their account. At a meeting the clerk said the company had always given satisfaction, while a member said they would have to wait for payment, like everyone else. The offer of the Council of Irish County Councils to supply medicines and appliances at advantageous terms was ignored, as contracts had already been placed.

Belfast.

At a meeting held on April 29, in the Municipal Technical Institute, attended by chemists representative of the University, the Municipal Technical Institute, the public analysts, and the more important local industries, it was unanimously decided to seek powers to form a section of the Institute of Chemistry for Belfast and district to promote the interests of the chemical profession. Dr. W. H. Gibson, O.B.E., of the York Street Flax Spinning Co., Ltd., the convener of the meeting, was appointed hon. secretary *pro tem.*

Dublin.

Dr. O'Kelly, Dublin, has agreed to act as drug and bacteriological analyst to the Baltinglass Guardians at 10*s.* 6*d.* a sample or for a fixed sum. It has been decided to ask Dr. O'Kelly to name a sum for the analysis of medicines for all the Union dispensaries.

Blake's Medical Stores, Mid. Abbey Street, Dublin, was raided on April 27 by a number of young men, who carried away a quantity of goods and literature. A receipt was given for them in the name of the Irish Republican Police, and the management was ordered to have sandwich-men withdrawn from the streets. [The proprietor was prosecuted a year ago with regard to the exhibition in the window of certain alleged objectionable books (*C. & D.*, Vol. 92, p. 504).]

The Rubber Club of Great Britain is an organisation with temporary offices at 43 Essex Street, Strand, London, W.C. 2, which has been formed by representative men in the rubber-industry to promote co-operation and social intercourse between the members. A bulletin explaining the objects has been published, and will be sent to interested persons on application to the hon. secretary at the above address.

Scottish News.

Brevities.

Mr. J. Kerr, chemist and druggist, Grantown-on-Sp has been appointed a magistrate.

The shop-windows of Mr. J. H. Fisher, Ph.C., D fermline, have recently been damaged by window-slashe

The latest balance-sheets of the Northern Co-operati Society, Ltd., Aberdeen, show that the sales in the dr department for the year ended February 28 amount to 27,165*l.*, and the net profit for the same period w 3,332*l.*

The third annual competition of the Scottish Chemis Bowling Association for the "Ayrton, Saunders" c will be played in Dundee on June 1. The time of pl will be announced later. All particulars may be obtain from the secretary, Mr. J. A. Cochrane, 279 Easter Roa Leith. Competitors are reminded that entries, whi should be accompanied by the fees (14*s.* per rink), close May 27, and anyone wishing to take part but unable "fix up" a rink is requested to let Mr. Cochrane know.

The golf tournament for the Scottish Travellers' trop and other prizes, including bogey and other competitio (see also *C. & D.*, April 23, p. 37), which are open to retail chemists and their assistants in Scotland, will l played under handicap, limit 18, with the reservation that competitor with a larger handicap than 9 can win t trophy. All the other prizes are open to "limit" me whether wholesalers or retailers. The latest date f receiving entries has been extended to May 9. Intendi competitors, when entering, should give the names of a the clubs of which they are members, and their respecti handicaps.

Edinburgh.

Pinkerton, Gibson & Co., Ltd., wholesale druggist have transferred their office from East Thistle Lane t 13 Queen Street.

The annual match for the "Rainy Brown" golf troph between Glasgow and Edinburgh chemists will take plac on May 10 over Turnhouse course.

The corporation announces that applications for th renewal of licences under Section 2 of the Poisons an Pharmacy Act, 1908, should be lodged with the town cler not later than May 14.

Edinburgh Chemists' Golf Club held a competition fo the "Mackay" trophy at Kingsknowe on April 27, wit the following result: (1) Mr. E. Brindle, 104–25=79 (2) and (3) a tie, Mr. T. Manson 92–12=80, and Mr W. T. Robson 95–15=80.

Glasgow.

A course of fourteen lectures on "Flowers and Plan Life" is to be given by Mr. David Ellis, D.Sc., Ph.D. in the Royal Technical College. The lectures will b supplemented by five excursions in the neighbourhood.

Glasgow University Court considers that the time i ripe for the erection of new chemical laboratories. I was stated at a recent meeting that a wooden hut ha been erected in the quadrangle to assuage the risin generation's "thirst for chemical knowledge."

The principles of homœopathy formed the subject of a address given by Dr. C. E. Wheeler, London, in th Central Halls on April 29, with the object of furthering interest in the Scottish Homœopathic Hospital for Children. A dispensary in connection with the hospital has been opened at 258 Garscube Road.

At a recent meeting of the Shops Acts Committee a deputation from the local branch of the Scottish Pharmaceutical Federation called attention to the non-observance (by certain chemists in the city) of the provisions of the closing order, and asked that steps be taken to deal with the offenders. The committee instructed the inspector of weights and measures to see that traders who keep their premises open after the closing hours fixed by the order for the sale of medicines and medical and surgical appliances (which sales are excepted from the provisions of the order) exhibit the statutory notice in their premises.

French News.

(From the "C. & D." Paris Correspondent.)

M. Coutière, Professor of Zoology at the Paris Faculty f Pharmacy, has been elected a member of the Academy f Medicine.

A Union of Pharmacists maimed or disabled during he war has been suggested by M. G. Chabreyroux, pharnacist, at Saumur. A similar federation is proposed for ıedical men by Dr. Fassina.

Professor Haller summarised recently, before the .cademy of Sciences, the lectures he gave last year (to the ociety for the Encouragement of National Industry) on Chemical Industry during the War."

Professor Astruc, of the Montpellier Faculty of harmacy, has published a "Treatise of Galenical Pharacy," in two volumes, each about 500 pages. The work ıcludes opotherapic medicaments, serums and vaccines, c.

The Society of Biological Chemistry, which now ımbers 300 members, has M. G. Delezenne as President, . Tiffeneau as vice-chairman, and M. Bridel as secretary. monthly bulletin is to be issued, and monthly meetings ill be held.

Nucleinate of manganese, M. G. Lemoine informed e Society of Biology, increases the red corpuscles of the ood more rapidly than ferruginous preparations. The anganese of the blood being almost entirely in the asma, the speaker suggested that it might, like iron, ay an important part in fixing and transporting oxygen the tissues of the system.

MM. Gaté and Papacostas, who reported that serums ving the Bordet-Wassermann reaction are gelatinised by rmaldehyde, described the process to the Society of ology. M. R. Fosse pointed out to the society that the nthesis of oxamide can be effected by the oxidation of gar and ammonia by permanganate of calcium. The idation of hydrocyanic acid and ammonia produces amide under similar conditions.

M. Jean Barès, the former editor of the "Réformiste," s endowed the direction of the bureau for scientific and lustrial research work and inventions at Bellevue with um sufficient to yield annually 12,500 fr. This amount to be distributed in two prizes, one of 10,000 fr. and other of 2,500 fr., to two French inventors annually, o are fathers of at least three children and who have de discoveries of the most use to French industry.

Cat-skins, which have for long been sold in many French ırmacies, have attracted the attention of the "Conental Daily Mail," which publishes a paragraph on the ject in its "Paris Notes." The pharmacist near the re St. Lazare whose display attracted the eye of the rnalist informed him that they are a sovereign remedy faceache. The price had, of course, risen since the . "This," concludes the philosophic observer, "obsly is the latter end of many of the humble gutter s of the city, which appear and disappear with such denness."

Dante's Sexcentenary.—The recent ceremony at Paris honour of the sixth centenary of the death of Dante alls the fact that the author of the "Inferno" figures ng the medallions on the front of the Paris Faculty Pharmacy. The only justification for thus considering ite as a pharmaceutical celebrity is, apparently, the that he belonged to the Guild of Apothecaries at rence. Doubtless in those days every citizen had to ng to some guild, and the Apothecaries Guild possibly uded a large number of those who pursued no actual ual calling.

Castor-oil Industry.—M. A. Berger contributes to the evue Général des Sciences" some notes on this intry. Before the war Marseille imported annually n India from 20,000 to 30,000 tons of seeds, producing ıt 10,000 tons of oil, of which a large portion was xported. During the war this supply was augmented eight or ten thousand tons from Brazil. The French nies furnished supplies—about 1,500 tons coming from -China, 1,000 tons from Madagascar, and 1,500 to 2,000 tons from possessions in Africa. These were pressed and used for army stores, the sub-products remaining the property of the mills. The cost was from 3 fr. to 3.50 fr. per kilo., as compared with about 1 fr. before the war. The castor-oil industry in France is located around Marseille.

Paris Society of Pharmacy.—At the April meeting of the Paris Society of Pharmacy it was announced that Professor Bourquelot, the late general secretary, had left certain sums to the Society. M. Huerre read another instalment of his researches on the *Juniperus oxycedrus*, and M. Grimbert presented a paper by M. O. Bailly on *The Action of Epichlorhydrin on Disodium Phosphate.* M. Meillère made another contribution to his series of studies on the properties of biliary acids. The general secretary asked the sub-committees on the Codex Revision to push forward their work, and a fourteenth sub-committee to study opotherapeutic remedies was nominated (MM. Tiffeneau, Choay, Lantenois, and Fabre, with M. Perrot as President). M. Bernier read the report of the tenth sub-committee on pills, tablets, gargles, ampoules, etc. It was decided to forward a copy to every member of the Society to promote a discussion at the next meeting.

Napoleon's Pharmacists.

Of the making of books about Napoleon there is no end, and the centenary of his death (May 5) is not likely to pass without adding to the number, but a volume on Napoleon's pharmacists still awaits treatment by the student in this field of historical research. There is no lack of material. Not that Napoleon had any faith in drugs. Even during his fatal illness at St. Helena he caused his doctors ceaseless anxiety by his petty tendency to offer any or every excuse for shirking regular doses. But he knew that others thought differently, and delighted to tell the tale of a certain bread pill administered to the Empress Marie Louise by Baron Corvisart, and its marvellous effects. He seems to have taken an intelligent interest in chemistry, and even to have studied its rudiments with Bouillon-Lagrange in his earlier days. When he reorganised France after the Revolution he appreciated the collaboration of men like Chaptal, and gained their devotion and admiration by his own wonderful intellectual activity and physical energy. Thus, many of these men became ardent Bonapartists, especially as the First Consul's work of reconstruction enabled them to rebuild fortunes shattered by the Revolution. Young Caventou sacrificed his official post to rejoin the Emperor on his return from Elba. Cadet de Gassicourt, Napoleon's personal pharmacist, only survived his Imperial patron a few months. The best proof of the scientific worth of the men on whom the Emperor bestowed important official posts is that the immense majority of such appointments were confirmed when the monarchy was restored. His wars swept the whole youth of France into his armies; and as a result of the French system of military pharmacists holding commissioned rank, many of the profession served as non-combatant officers. The records, brief as they are as a rule, of their services and experiences, would alone form an attractive volume of the history of a hundred years ago. Two of these young men have left us accounts of their adventures, and although these specially appeal to Britons as dealing with our "Peninsular War," we believe that neither Sebastian Blaze's romantic tale nor Antoine Fée's narrative has ever been published in English. Writing of life behind the actual fighting line, they throw interesting sidelights on warfare. Blaze, for instance, shows us that the callous and inhuman treatment of prisoners of war (he was a captive on the Spanish hulks) is no new thing. Fée survived to an advanced age, and can still be remembered by some living Parisians. He told his tales of these old wars to his little grandnephew, known to us as Henri Houssage, the great Napoleonic historian. Cadet de Gassicourt, too, left a volume of his war experiences with the Emperor in Germany and Austria. Another subject would be Napoleon's attempts at suicide. It seems a fact that he always carried poison on his person, and extremely probable that he made one, if not two, attempts at self-destruction, the dates being 1814 and 1815.

Profiteering in Salt Cake.

AT the sitting of the Complaints Tribunal of the Central Committee at the Office of Works, London, S.W., on April 28, under the presidency of Mr. W. Marshall Freeman, a complaint was heard which had been lodged by W. Barnes & Co. (London), Ltd., chemical and produce merchants, 40 Cheapside, E.C. 2, regarding the price charged for salt cake by Mr. John H. Clark, 144 and 146 Bethnal Green Road, E. 2. The complainants alleged that the salt cake was charged for at the price of 6*l*. 17*s*. 6*d*. a ton by the respondent, it having cost him 35*s*. a ton. Mr. Davis, solicitor, appeared for the respondent, and at the outset took an objection to the matter being investigated by the Tribunal. He mentioned that certain legal proceedings were pending. The chairman asked what proceedings were pending, and Mr. Davis replied that an action had been commenced alleging that the goods were not up to sample. The Chairman : We are not concerned with that. Mr. Davis said the action had been commenced in the High Court, and about 2,000*l*. was claimed. He also contended that the Tribunal had no power to try the case. The goods in question were purchased for export. Section 1 (10) of the Profiteering Act laid it down that nothing in the Act should apply to the sale of any article for export from the United Kingdom. The chairman said that that point could be raised after the evidence had been given. Evidence on behalf of the complainants was given by Mr. J. Bachman, a director of W. Barnes & Co. (London), Ltd. Witness produced the contract entered into with the respondent, which stated : "I confirm having sold to you to-day, through Mr. C. Cowen, about 415 tons salt compound, consisting of 84-85 per cent. sulphate of soda, 4.5 per cent. nitrate of soda, and 0.5 per cent. insolubles, according to sample submitted to you, deliveries loose in trucks at Brentford G.W.R. Coal Station, in weekly deliveries of about 50 tons, at 6*l*. 17*s*. 6*d*. per ton." After the contract was entered into, five deliveries were made, totalling 300 tons, and the invoices received totalled 2,062*l*. 10*s*. After the 300 tons was delivered there was a dispute as to the quality. Owing to the dispute further deliveries ceased, but the complainants had paid the respondent 2,062*l*. 10*s*., no discount or deduction having taken place. The market price of similar goods in pre-war days would probably be 30*s*. a ton, or even less. A good standard quality, equal to 95 per cent., could be freely bought for 3*l*. a ton, and at times was pretty well given away. The salt his company purchased was a by-product, which was worth very much less. After the 300 tons had been delivered, witness examined some of the salt compound at Hull, and it looked like waste. He described it as "dirty sulphate of soda." Witness referred to an interview he had with Mr. Clark, who said that he could not pay anything back as he had not got the money, but he knew of a good parcel of sulphate which he could get at a cheap figure, and the complainants could recoup themselves. Some of the salt had been offered at 17*s*. 6*d*. a ton. The deal in question had practically ruined the complainants. The chairman inquired what profit was made on such salt in pre-war days by the merchants who handled it, and the witness replied that it would be from 5*s*. to 7*s*. 6*d*. a ton. At the present time the profit would be about 1*l*. 7*s*. 6*d*. a ton. The person to whom the complainants sold had refused to take delivery at Hull. Messrs. Barnes had refused to take the salt, and it was in the possession of the railway company. In answer to Mr. Davis, witness said that his company resold the salt to Mr. Poliakoff, 123 Cannon Street, E.C. They presumed that the salt was required for export by their buyer, but they were not certain. He understood that 100 tons of the salt had actually been shipped for Hull. The Chairman : Who actually exported the 100 tons?—Mr. Stromboul, of Queen Victoria Street, London, E.C. Did he purchase from Poliakoff?—Yes. Mr. Benjamin Sproule, manufacturers' agent and merchant, 122 Royal Exchange, Manchester, said that on March 29, 1920, he purchased from the Government Disposals Board at Earl's Court about 500 tons of crude sodium sulphate at the rate of 1*l*. a ton. Witness produced the contract for the purchase, which stated : "About 500 tons crude sodium sulphate, dirty, at 20*s*. a ton f.o.r. Swindon, in bulk." On the same day that he purchased the salt he resold it to Mr. John H. Clark at 35*s*. a ton f.o.r. Swindon. The Chairman : On that transaction would the difference of 15*s*. a ton be all net profit?—It would be net profit. Witness went on to say that when he made the purchase he had no buyer in view. It was a speculation on his part, and the railway company had recovered judgment against him for 625*l*., while the respondent had failed to take all the salt, and he had about 114 tons on his hands, for which he had failed to find a buyer. The railway company sued him for the carriage. The respondent had taken 385 tons of the salt from him, and had paid for it. This concluded the evidence in support of the complainants' case, and Mr. Davis then submitted that the salt in question was not an article which was in common use by the public. It was, in fact, an article which was rarely used, and therefore did not come within the provisions of the Act. He also contended that, as the goods were sold for export, the Profiteering Act did not apply. The chairman said the Tribunal was against the respondent on both the points which had been raised. Mr. Davis asked for an adjournment so that he could call scientific witnesses. The chairman replied that the case had been pending for a long time, and the respondent had had plenty of time in which to prepare his case. Mr. Davis intimated that he could not take the case further that day, and would not call the respondent to give evidence. In giving the decision of the Tribunal, the chairman remarked that the case had arisen out of the proceedings of a circle of speculators. The material in question was variously described as salt compound and salt cake, and indeed it appeared to have as many names as it had uses. It was a material which sometimes went under the name of Glauber's salt and was used for agricultural and various other purposes. Having regard to the fact that the railway company acted upon the assumption that there was only 285 tons of the material, and not 300 tons, the Tribunal would accept the figure of 285 tons as being the amount disposed of by the respondent to the complainants. It seemed that at some unknown date an unspecified department of the Government had deposited about 500 tons of the salt at Swindon. What the Government wanted it for, how much they paid for it, and what it was doing in the big dump at Swindon they did not know. It was important to note that the Disposals Board described the stuff as dirty material. The respondent obtained the material at 35*s*. a ton, and disposed of some 300 tons to the complainants at 6*l*. 17*s*. 6*d*. a ton. The complainants in turn disposed of the salt at a net profit of 24*s*. a ton. In the opinion of the Tribunal, the profit made, or sought to be made, by the respondent was unreasonable. The price which would have yielded a reasonable profit to the respondent would have been 50*s*. a ton, as against the 6*l*. 17*s*. 6*d*. actually charged. The Tribunal had treated the respondent on what they considered to be a liberal basis in allowing a profit of 15*s*. a ton. The result of the matter was that the Tribunal ordered the respondent to refund to the complainants a sum of 1,246*l*. 17*s*. 6*d*. It was competent for the Tribunal to recommend a prosecution. They did not, however, recommend a prosecution because, having heard that various actions were pending, one between the complainants and the respondent on a question of contract, one between the complainants and somebody else in respect of the same material, and another between the railway company and the various parties concerned—and probably that was not the full total of pending legal proceedings—they took the view that by the time the matter had come to an end there would have been far too much of the time of His Majesty's judges and the courts taken up with transactions between individuals who were simply engaged in purchasing material and passing it on without any handling, making, or seeking to make, large profits out of mere book entries, and they could only express the further hope that they would soon have heard of the last of such transactions, for which undoubtedly the war had mainly been responsible. The Tribunal desired to make it quite clear that they had not, and were not, in any way concerned or interested in any of the other actions which were pending.

Legal Reports.

Arsenical Borax.—It was stated in our report of three arsenical borax cases heard at Salford on April 27 (*C. & D.*, April 30, p. 54) that the case against Mr. J. A. Dyson, chemist and druggist, 65 Marlborough Road, was adjourned. It should have been stated that the stipendiary magistrate upheld the defence of a warranty and dismissed the summons. We regret the error.

Deficient Camphorated Oil.—At Bow Street Police Court, London, on May 2, R. S. Starkie, chemist, Strand, W.C. 2, was summoned, under the Sale of Food and Drugs Acts, for having sold camphorated oil containing 17.9 per cent. of camphor. Mr. C. H. Kirby (Neve, Beck & Kirby), who appeared for the defence (instructed by the Chemists' Defence Association, Ltd.), said that the facts of the case were admitted, the error being a technical one. A fine of 5*l.* was imposed.

Motor Haulage Breakdown.—In the Mayor's and City of London Court, on April 29, before Judge Jackson, the Road Freightage Co., Ltd., 69 Basinghall Street, E.C., claimed 9*l.* against the Commercial Car Hirers, Ltd., haulage contractors, 168 Regent Street, for haulage. Mr. J. C. Fox said the plaintiffs arranged for the transport by motor from one part of England to another. On December 20 a man came from the defendants and said that a motor-haulage vehicle of theirs was broken down at Berkhamsted, thirty miles from London. It had a 4-ton load of chemicals on it which was going to Shrewsbury. Defendants asked if plaintiffs could arrange to send a motor vehicle and take the load from Berkhamsted to Shrewsbury. Plaintiffs agreed to do that. Immediately afterwards they made arrangements with their sub-contractors, the United Services Transporting Co., who had a 5-ton motor-lorry, to do the work on their behalf. Plaintiffs wanted to convey to Shrewsbury a further ton of goods. They instructed the driver to pick up a ton of goods in the London district and to go to Berkhamsted, and take the goods there in the derelict motor-lorry to Shrewsbury. That was done. Before any goods had been taken from the broken-down lorry someone from the defendants cancelled the instructions. Plaintiffs charged the defendants the cost of the journey to Berkhamsted at the rate of 3*s.* per mile. Plaintiffs' secretary and driver having given evidence, the defendants said that, owing to the delay on the part of the plaintiffs, they (defendants) had to get a motor-lorry elsewhere. The British Drug Houses, Ltd., asked if they could send a 4-ton lorry to Berkhamsted at once, as they had a 4-ton load of chemicals there which they wanted taken to Shrewsbury, make deliveries of the chemicals there, and return with empties. It was a very urgent job. They had fifty motor-lorries in use, but they had not one to spare. They therefore communicated with the plaintiffs, who agreed to send a lorry. Then they found that the plaintiffs were going to do another job picking up a 1-ton load elsewhere. That meant creating much delay, and therefore they engaged another lorry, which hauled the derelict lorry to Shrewsbury at once. Plaintiffs were entitled to nothing. Judge Jackson said he would reduce the plaintiffs' claim to 7*l.*, as he thought there was some delay.

Deed of Arrangement.

Avison, James, chemist and druggist, 13 King Street, Dukinfield. Trustee: G. W. Davies, 84 Warrington Street, Ashton-under-Lyne, accountant. Dated, April 8; filed, April 14. Liabilities, 576*l.*; estimated net assets, 526*l.*

The German aniline trust has acquired the "Elektrochemische Werke" at Berlin-Bitterfeld-Rheinfelden, which was partly owned by the Elektro Bank at Zurich and the Berliner Elektrizitätswerke A.-G. The works represent a value of more than 100,000,000m.

New Companies
and Company News.

P.C. means Private Company and R.O. Registered Office.

Globe Drug Co., Ltd. (P.C.).—Capital, 2,000*l.* Objects: To carry on the business of wholesale and manufacturing chemists, druggists, pharmacists, drysalters, mill furnishers, oil and tallow merchants, manufacturers of photographic instruments, dealers in toilet and household requisites, etc. The first directors are: A. J. Espley, 64 Higher Antley Street, Accrington; and S. J. E. Bourn, 95 Conway Street, Birkenhead. R.O.: 18 Blackburn Road, Accrington.

Donald Lockwood & Co., Ltd. (P.C.). Capital, 1,500*l.* Objects: To carry on the business of wholesale and retail manufacturing chemists, chemical and general merchants, druggists, drysalters, oil and colourmen, manufacturers of and dealers in proprietary articles of all kinds and of electrical, chemical, photographic, surgical, and scientific apparatus and materials, etc. The first directors are: D. R. Lockwood, Glenwood, Broom Road, Hampton Wick; and B. Sherman, 87 Holmesdale Road, Hampton Wick. R.O.: 21 Sugar House Lane, Stratford.

Hill & Co. (Chemists), Ltd. (P.C.).—Capital, 5,000*l.* Objects: To take over, as from January 1, 1921, the business carried on by J. R. Young and J. S. Hill at 82 Buttermarket Street and 1 Academy Street, Warrington, as "Hill & Co.," and to carry on the business of chemists, druggists, opticians, drysalters, oil and colourmen, etc. The first directors are: J. S. Hill and E. Hill, Penrhyn, Lower Walton, near Warrington; and R. W. Taylor, Woodland Cottage, Manchester Road, Paddington, near Warrington. R.O.: 1 Academy Street, Warrington.

The Casson Chemical Co., Ltd., Westbourne Grove, London, W.—A largely attended meeting of the creditors of this company was held on May 3, at Caxton Hall, Westminster, S.W. The chair was occupied by Mr. Parkin S. Booth, accountant, 28 Kimberley House, Holborn Viaduct, London, E.C., who had been appointed to act as one of the liquidators of the company. A statement of affairs was presented, as at April 14, which showed ranking liabilities of 25,186*l.* 17*s.* 11*d.* There were 325 trade creditors, whose claims aggregated 7,471*l.* 3*s.* 9*d.*, while the bank were interested for 15,243*l.* 18*s.* 8*d.* There was also a fully secured creditor for 3,000*l.* holding securities valued at 4,500*l.* The assets were estimated to realise 10,850*l.* 5*s.*, from which had to be deducted 1,062*l.* 15*s.* 3*d.* for preferential claims, leaving net assets of 9,787*l.* 9*s.* 9*d.*, or a deficiency as regarded the unsecured creditors of 15,399*l.* 8*s.* 2*d.* The assets were as follows: Cash in hand, 26*l.* 10*s.*; stock at Gray's Inn Road, 250*l.* 14*s.* 11*d.*; fixtures and fittings at Gray's Inn Road, 300*l.*; stock at Coleherne Terrace, 291*l.* 0*s.* 8*d.*; fixtures and fittings at Coleherne Terrace, 250*l.*; stock at Praed Street, 432*l.* 5*s.* 5*d.*; fixtures and fittings at Praed Street, 100*l.*; stock at Westbourne Grove, 126*l.* 5*s.*; stock at Bathurst Street, 350*l.* 16*s.* 6*d.*; fixtures and fittings at Bathurst Street, 50*l.*; stock at Epsom, 401*l.*; fixtures and fittings at Epsom, 350*l.*; office furniture, 110*l.*; motor-vans, 700*l.*; typewriters, 83*l.* 10*s.*, expected to produce 53*l.*; book debts, 3,308*l.* 12*s.* 6*d.*, estimated to realise 2,308*l.* 12*s.* 6*d.*; shares in limited company, 250*l.*; trade-marks ("Casso," "Keenolia," and "Speek") estimated at 2,000*l.*; lease of York Road, 500*l.*; lease of Bathurst Street, 500*l.*; and surplus from securities in the hands of creditors fully secured, secured, 1,500*l.* The statement was explained in detail by Mr. Booth, who mentioned that the bank held two or three leases belonging to the company, but their value was problematical. They also held the guarantees of two gentlemen, and collateral security had been deposited by a third party to the extent of something like 40,000*l.* The position of the bank was that they had to rank for the full amount of their claim of 15,243*l.* on the estate, and any deficit would be made up from the collateral security held. For instance, if the estate realised 10*s.* in the £, the

bank would look to the collateral security for something like 7,000*l.* or 8,000*l.* The fully secured creditor held a mortgage on the lease of Westbourne Hall, which was purchased by the company for 7,000*l.* The preferential claims were heavy. At the date of his appointment he found there were execution creditors in possession to the extent of 503*l.* 19*s.* 1*d.* Those debts he had paid, as they would have been preferential. A sum of 506*l.* was also included in the preferential claims for rent, rates, and taxes. The stock had been taken at all the establishments in the possession of the company, while the fixtures at all the shops had been valued. With regard to the leases generally, no value had been placed upon them in the statement of affairs. It was, however, highly probable that something would be received, as offers at a premium had already been made for two of the shops. The book debts had been written down by 1,000*l.* The debts included one amounting to 1,500*l.* owing from a company which was in liquidation, although it was expected that there would be payment in full. The company held shares of the face value of 5,500*l.* in another concern, but they were only valued at 250*l.* The Casson Chemical Co. held a controlling interest in the other company, which had a nominal capital of 7,000*l.* The nominal capital of the Casson Co. was 50,000*l.* in ordinary shares of 1*l.* each. There had been issued 19,936 ordinary shares, but there was a liability on three of the shares of 1*l.* each, and the deficiency as regarded the shareholders was 35,332*l.* 8*s.* 2*d.* With regard to the history of the company, Mr. Booth pointed out that it was formed in December 1918 with a nominal capital of 6,000*l.* divided into 6,000 ordinary shares of the face value of 1*l.* each. It was formed to develop a new business, but operations were not commenced until January 1919, when premises were acquired at Paddington. A number of shares were issued for cash, and subsequently the company purchased for 220*l.* a small manufacturing business, and appointed the vendor of that concern as a manager. The company proceeded to manufacture various articles. Accounts were properly prepared and audited, and by June 19, 1919, there was a loss of 787*l.* "Casso" was purchased by the company for 1,000*l.*, and the money received was invested in shares in the concern. In November 1919 the tenancy of the Paddington premises expired, and another establishment was taken at Westbourne Grove at a rental of 250*l.* per annum. In March 1920 the capital was increased to 50,000*l.*, and some time later another manufacturing business was purchased for 2,500*l.* The accounts prepared in June 1920 showed a loss since the incorporation of the company of 5,162*l.* Finally, Westbourne Hall was purchased for 7,000*l.* The landlord would not agree to the assignment of the lease to the company, and it was held by one of the directors in trust. The rent was 500*l.* a year, but a portion had been sublet and brought in 800*l.* a year. The total income from the letting of the hall would be something like 1,500*l.* a year. In other words, the company would obtain a profit rental of 1,000*l.* per annum from the premises. Arrangements were made for the company to open up business in Canada, but they were not proceeded with. Then arrangements were made for doing business in South Africa, and an agreement was entered into with a representative and goods shipped to the colony. The venture was not a success. Retail shops were opened, and several were still being conducted at the date of liquidation. There were, however, other retail shops which the company had conducted at different times, and which had been disposed of. Last December the company entered into negotiations with another concern in the country for the acquisition of a number of retail shops. On December 11 the company actually took control, but after a few weeks decided not to continue with the negotiations, and the shops were handed back to the original owners. Arrangements were also made to take over a manufacturing business, and it appeared that shares were to be issued in payment. Later, however, the manufacturing business was handed back, and was not taken over by the company, while the shares issued in payment were received and held in trust by one of the officials of the company. During the present year the company was short of capital, and a quantity of stock was sold by auction. Figures had been prepared which showed that the turnover of the manufacturing business over a given period of time was 9,225*l.*, while the expenses were 7,000*l.* The trading of the retail shops would probably show a loss. A complete deficiency account had not been prepared, but the present position was attributed to the depreciation of the assets in the statement of affairs, together with the deficiency last June of 5,162*l.*, loss on goods sold by auction of 1,500*l.*, while the loss on the trading since last June was about 10,000*l.*, or rather more than 1,000*l.* a month. One of the principal creditors said it appeared that the company had been experimenting with creditors' money. He confessed that a great deal of business ability had not been shown by the company, and pointed out that at Epsom one room was taken at a rental of 140*l.* per annum. It was no wonder that the company had failed. The representative of W. J. Bush & Co., Ltd., inquired whether the trade-marks would really produce as much as 2,000*l.*, and the chairman replied that certain offers had been made to him, and inquiries made, which led him to think that a substantial sum would be obtained. The representative of the bank said it appeared that the manufacturing business which the company agreed to acquire last December was the most profitable of the many concerns which had been referred to. That manufacturing business seemed to have been handed back as recently as February of the present year, and he suggested that the liquidators should have regard to that fact in the course of their investigations. Mr. Booth stated that the full facts with regard to the transaction were in his possession, and it was his desire that a committee of the principal creditors should be appointed, and, if they thought it necessary, counsel's opinion could be taken. On the motion of the representative of the bank, it was unanimously decided that no application should be made to the Court, but that the voluntary liquidation should be continued with the present liquidators. An advisory committee of the representatives of five of the principal creditors was also elected. Among the creditors are:

Allen, Stafford, & Sons, Ltd., 10*l.*; Allen & Hanburys, Ltd., 30*l.*; Ashton & Parsons, 58*l.*; Aberavon Tinplate & Stamping Co., Ltd. (Port Talbot), 540*l.*; Anglodol, Ltd. (Berkhamsted), 10*l.*; Allcock Manufacturing Co. (Birkenhead), 11*l.*; Brand & Co., Ltd., 30*l.*; Berton, Arthur, Ltd., 10*l.*; Burroughs Wellcome & Co., 20*l.*; Bush, W. J., & Co., Ltd., 12*l.*; Bristow, T. F., & Co., Ltd., 61*l.*; British Drug Houses, The, Ltd., 138*l.*; Methylating Co., Ltd., 45*l.*; Edward Cook & Co., Ltd., 50*l.*; Camwal, Ltd., 10*l.*; Cow, P. B., & Co., 42*l.*; Chiesman, F., & Co., 12*l.*; Capsuloids (1909), Ltd., 11*l.*; Dearborn, Ltd., 21*l.*; De Witt, E. C., & Co. (East Croydon), 21*l.*; James, & Sons, 36*l.*; Eclipse Glass Works, Ltd., 86*l.*; Fulford, C. E., Ltd. (Leeds), 13*l.*; Fassett & Johnson, Ltd., 64*l.*; Ford, Cook & Co., Ltd., 11*l.*; Gibbs, D. & W., Ltd., 22*l.*; Gillette Safety Razor Co., 32*l.*; Guest, Thomas, & Co., Ltd., 29*l.*; Griffith, E. Hughes, Ltd., 10*l.*; Gambles, J. C., & Co., 10*l.*; Garratt, J. E., 12*l.*; Gas Light & Coke Co., 26*l.*; Huskisson, H., & Co., 13*l.*; Horlick's Malted Milk Co. (Slough), 12*l.*; Hampshire, F. W., & Co. (Derby), 13*l.*; Harker, Stagg & Morgan, C. R., Ltd., 16*l.*; Howards & Sons, Ltd., 30*l.*; Harrison & Sons (Leeds), 50*l.*; Hodgkinson, F. A., & Co., 13*l.*; International Icilma, Ltd., 44*l.*; International Chemical Co., Ltd., 14*l.*; Ingram, J. G., & Sons, Ltd., 36*l.*; International Laboratories, Ltd., 16*l.*; Kolynos Incorporated, 10*l.*; Kodak, Ltd., 14*l.*; Lorimer-Marshall, Ltd., 28*l.*; Maw Son & Sons, Ltd., 83*l.*; Meggeson & Co., Ltd., 97*l.*; Morgan Richards, J., & Sons, 55*l.*; Macfarlan, J. F., & Co., 109*l.*; Potter & Clarke, Ltd., 129*l.*; Piesse & Lubin, 15*l.*; Pyrene Co., Ltd., 18*l.*; Pollard, E., & Co., Ltd., 73*l.*; Quelch & Co., 13*l.*; Rouse Bros., 31*l.*; Seneschal Manufacturing Co., 122*l.*; Stevenson, Hugh, & Sons, 67*l.*; Sargol, Ltd., 21*l.*; Saltrates, Ltd., 19*l.*; Scott & Bown, Ltd., 14*l.*; Timpson, John, 17*l.*; Taylor, J. & H. (London), Ltd., 149*l.*; Turner Drug, &c., Co., Ltd., 23*l.*; Virol, Ltd., 12*l.*; Veno Drug Co., Ltd. (Manchester), 107*l.*; Vinolia Co., Ltd. (Birkenhead), 49*l.*; Woodward, W., Ltd., 20*l.*; Wyleys, Ltd. (Coventry), 12*l.*; Waide, Thomas, & Sons, Ltd. (Leeds), 11*l.*; Warrwick Bros., Ltd., 36*l.*; Wander, A., Ltd., 68*l.*

Festivities.

London (S.W.) Chemists' Whist-drive.

A successful evening was spent on April 27 at Balham, when the ladies' branch of the South-West London Chemists' Association held a whist-drive in aid of the Benevolent Fund. Over sixty members and friends were present. The following were the prize-winners : *Ladies* : Mrs. Rees, Mrs. Monaghan, and Miss Lennan. *Gentlemen* : Mr. Rowlands (Wright, Layman & Umney, Ltd.), Mr. Bowsar (R. W. Greeff & Co., Ltd.), and Mr. Spence. Prizes were presented by Mr. F. G. Wells, one of which was supplied by S. Maw, Son & Sons, Ltd. Many specimens of the ladies' work were on view and for sale in aid of the Fund, also a novelty in the shape of a luminous radium sight as used during night raids by the anti-aircraft gunners. These were supplied by Mr. Harrison Glew.

The First R.P.U. Branch Dinner.

The West Ham branch of the Retail Pharmacists' Union, the third branch to be enrolled, has promptly made pharmaceutical history by becoming the first branch to hold a dinner. As Mr. Mallinson, the secretary of the Union, told the diners who assembled at the Y.M.C.A. Restaurant, Forest Gate, E. 7, on April 28, the retail pharmacists of West Ham just missed being branch No. 1 in a close race, and the enthusiasm of the proceedings suggested that the branch was well pleased at getting what racing circles term a "place." It must be some years since a chemists' dinner was held at which the programme, lasting five hours, owed so little to the assistance of luminaries from other districts; the faithful chronicler may, accordingly, omit the customary list of visitors, and record in its place the names of those who contributed, on this historic occasion, to the flow of music and recitation—Miss Constance Arter, Miss Grace Davis, Mr. W. Courtenay Hodge, Mr. Haylock, Mr. C. A. Jones, Mr. Will May, Mr. C. Bignell Pratt, Mr. H. Soper, Mr. B. Wathen; accompanists, Mr. F. J. Blain and Mrs. Desmond. The company of about seventy—half of whom, on a rough estimate, were ladies—were received by the chairman (Mr. C. Andrews Pratt) and his wife, who thoughtfully added to the pleasure of their guests after dinner by circulating cigars and chocolates, handed round by the chairman's son and daughter. The toast-list was brief, and may serve as a model for similar functions to come. Following the loyal toast came that of "The Retail Pharmacists' Union," proposed by Mr. W. Potter, vice-chairman of the West Ham branch. Mr. Mallinson, in his reply, happily steered a middle course between propaganda and "afterdinnerege." He congratulated the West Ham branch on being the first to hold a dinner; they were also, he added amid laughter, pioneers in a teetotal dinner. Having paid a moving tribute to the late Mr. J. W. Deakin, whose last public words were expressive of good wishes for the Union, Mr. Mallinson, in quiet, persuasive tones, surveyed the situation and prospects of the Union. Its headquarters, he remarked, depended on the branches, and he was glad to say that there was locally a great deal of enthusiasm. He would be pleased to see visitors at the new offices. Pharmacists could be loyal to each other and play the game, remembering that every man was a debtor to his profession. The R.P.U. was a business organisation with no politics. (Applause.) It might be that trade was in for a "thin" time, but pharmacy, if it did not soar very high in good times, did not drop, usually, to a very low level in bad times. The second toast, that of "The West Ham Branch, R.P.U.," was given with characteristic geniality by Mr. A. R. Keith, a member of the Executive, whose speech began and ended with what he himself called "the inevitable anecdote." They were two of the best, and between them he found occasion to compliment West Ham on being always in the van of progress and to recall the enthusiasm of the late Mr. James Kirkpatrick for organisation in trade matters. With the toast was coupled the name of Mr. C. Andrews Pratt, who briefly responded. "The Visitors" was proposed by Mr. S. Clifford Jones and acknowledged by Major Shorto.

Association Affairs.

Hull.—At a meeting of the Hull Pharmacists' Association held on April 26, an address was given by Mr. H. Skinner, Ph.C., on *Our Qualification and Afterwards.* The President (Mr. T. H. Newton) was in the chair, and a large number of members and assistants were present. Mr. Skinner prefaced his remarks by a reference to the tragic death of the late Mr. Deakin. Among other matters, he spoke of the changes brought about by the pharmaceutical curriculum. Referring to the public institutions, pharmacy in these places once, he said, was a by-word, but now they had been raised to a position of being in many cases as good, if not better than, the ordinary retail pharmacy from the point of view of pure pharmacy. The Pharmaceutical Society is able now to examine any institutions before they agree that they are suitable for the training of students, and it would be ideal if this could be done with pharmacies. It will come eventually. The big mistake of allowing students to enter pharmacy without realising what they are in for, only finally to swell the ranks of the unqualified, must never be repeated. He referred to the two outstanding problems of the absorption of the recently qualified and the reform of the Major examination. The two problems are not unconnected. If the Major examination can be made so that the student with a bent for pure pharmacy can have some scope for his powers, and some prospect of sufficient pecuniary reward for the extra qualification, members of the craft will be made able to fill the places which will be opened under the reforms which are coming, when the Ministry of Health has had time to act on the various reports which it is receiving. The future of the pharmacist is along the lines of biological chemistry. Mr. Skinner then spoke of the Retail Pharmacists' Union, and warned his hearers not to think that everything was accomplished because a Union had been formed. Constant vigilance on the part of members and persistent constructive criticism were necessary if the Union was to become a force. Now that the test case had cleared the path of the Council they would be able to devote their time profitably to the professional side of their craft, and so in time recover the dignity and standing which has been lost.

Manchester.—The annual meeting of the Manchester Pharmaceutical Association was held on April 13, Mr. John Cleworth (President) in the chair. The report of the Council for the year 1920-21 showed a satisfactory year's work. The report advocated the endowment of a Lectureship in Pharmacy at the University. It was estimated that 10,000*l.* would be required, and an appeal for this sum will be made when conditions are more favourable. The treasurer (Mr. A. J. Pidd) submitted his report and balance-sheet. As a result of the higher subscription the adverse balance of last year's work (1919-20) was turned into a surplus of 34*l.* 13*s.* 10*d.*, which, added to sundry amounts brought forward, made the total balance in hand 94*l.* 1*s.* 2*d.* Both reports were adopted unanimously. The retiring Council were elected *en bloc.* The auditor (Mr. V. Cromack) and the librarian (Mr. R. L. Blain) were re-elected and thanked for their services during the past session. Votes of thanks were accorded to the officers. Mr. J. Grier, M.Sc., gave a detailed explanation of a scheme arranged at the College of Technology for apprentices and assistants. The classes were part-time classes, and extended over a period of three years would give a complete course of training for Part I. of the Qualifying examination. The President congratulated Mr. J. H. Nidd on his election to the Executive of the Retail Pharmacists' Union and Mr. J. C. Kidd on his victory in the recent election of Guardians.—A council-meeting of the Manchester Pharmaceutical Association was held on April 20, Mr. John Cleworth (President) in the chair. A vote of condolence with Mrs. Deakin and family on the death of Mr. J. W. Deakin was passed. This was carried in silence, the members standing. Officers for the session 1921-22 were elected as follows : *President*, Mr. T. E. Eastwood ; *Vice-Presidents*, Mr. John Cleworth and Mr. E. H. Simmons ; *Treasurer*, Mr. A. J. Pidd ; *Secretary*, Mr. T. Miller.

Westminster Wisdom.

By the "C. & D." Parliamentary Representative.

Safeguarding of Industries Bill.

The Home Secretary stated on May 2, that this Bill has been delayed through ministerial changes and the industrial dispute in the coal trade.

Revenue Bill.

The Financial Secretary of the Treasury (Mr. Hilton Young) stated in the House of Commons on May 4, that it is not now proposed to carry the Revenue Bill further this session.

The Budget Resolutions.

These were further discussed in the House of Commons on May 2. The resolution continuing the additional medicine duties imposed in 1915 was agreed to without discussion. The Finance Bill, which embodies the Budget resolutions, was read a first time on the same day.

The Profiteering Act.

Mr. Baldwin, President of the Board of Trade, stated in the House of Commons on April 28, that the Profiteering Act Department will be wound up as soon as possible after May 19. The total expenditure of the Board of Trade (excluding office rent, lighting, and stationery) in administering the Acts during the year ended March 31 was 45,445*l.* 1*s.* 9*d.* This includes the expenses of the Central Committee and of Appeal Tribunals.

The Dentists Bill.

Mr. Acland, on May 4, asked the Minister of Health whether, in view of the large amount of support which it has been now shown will be forthcoming from persons and associations interested in the Dentists Bill, he can assure the House that the Bill will be proceeded with by the Government with a view to passing it this session.

Sir Alfred Mond replied: It is certainly my intention to introduce a Bill during the present session, and if, as I am assured will be the case, the second reading is not opposed, I hope that it may be found possible to proceed with it.

Medicine Chests on Fishing Boats.

Captain W. Benn on May 3, asked the Secretary for Scotland whether, in view of the extension of the Merchant Shipping Act of 1894 to Scotland, it is compulsory for owners to provide medicine chests on all fishing vessels of 25 tons and upward.

Sir W. Mitchell-Thomson replied: I am advised that the provisions requiring the carriage of medicine chests on ships are contained in Section 200 of the Merchant Shipping Act, 1894, and are not affected by the extension to Scotland of the part of that Act which relates to fishing boats.

Smallpox Vaccination.

Mr. F. Green asked the Minister of Health, on April 28, in view of the statement contained on page 219 of the annual report of the chief medical officer of the Ministry for the year 1919-20 that cases of smallpox do not occur after recent successful re-vaccination, if he will state how recent re-vaccination should be in order to be absolutely protective; and what are the characteristics represented by the word "successful."

Sir A. Mond replied: I am advised that the protection against smallpox infection by efficient vaccination is practically absolute during the early years following the operation, and that in the great majority of cases the protection remains effective up to the tenth or eleventh year after vaccination. The evidence of successful vaccination is the production at the seat of inoculation of the characteristic lesions followed by well-defined marks.

Spahlinger Treatment for Consumption.

The Minister of Health (Sir Alfred Mond) stated on May 2, that the question of the merits of the Spahlinger treatment for consumption had been under consideration by the responsible medical authorities in this country since 1914; and during the last few months the Ministry of Health, following their usual practice of investigating the efficacy of all new methods of treatment for tuberculosis which are brought forward, have given further special attention to the matter at the particular request of M. Spahlinger. The difficulty in the case is, however, that the serum itself and reliable details of the clinical evidence in support of its use are not forthcoming. An undertaking has, however, been given that when supplies of this serum become available for independent and scientific investigation in this country, the Ministry of Health will facilitate an exhaustive examination of its efficacy. The appointment of a Commission would not, therefore, appear to be of any advantage at the present time. He thought it desirable to emphasise that, in the opinion of the medical advisers of the Ministry of Health, there is not yet available a sufficient body of evidence to justify the claims made for this treatment.

Venereal Diseases.

Mr. Waterson, on May 4, asked the Minister of Health whether he can produce any evidence to show to what extent cures are being effected as a consequence of the large expenditure of public money which is now taking place in connection with the diagnosis and treatment of venereal diseases; and, if so, will he arrange for such evidence to appear in the annual reports of his department.

Sir A. Mond replied: The value of the work done at venereal-disease centres cannot be measured solely on the basis of the proportion of cures effected. I am advised that in the case of these diseases prolonged treatment, followed by a period of observation, is frequently necessary before a cure can be pronounced, and in some cases it is difficult to arrive at a conclusion as to cure. There are, however, many cases which, although they fail to continue treatment or to remain under observation until a cure can be pronounced, are nevertheless rendered non-infective before ceasing attendance at the clinic. As the hon. member is aware, the system of clinics has not been long in operation. The results are under careful observation, and the report of the Chief Medical Officer of the Ministry for this year will contain a statement on the subject.

Products Corporation, Ltd.

Lieut.-Colonel Sir F. Hall asked the President of the Board of Trade on May 2, (1) what actual cash payment has been made in respect of the 50,000 1*l.* shares, constituting the nominal capital of the Products Corporation, Ltd.; what is the annual turnover of this firm and of the businesses which it has acquired; and if he can state from what sources this company, with its small capital, derives the financial backing necessary to the successful carrying on of the business transactions in which it is involved; (2) whether the business of the Products Corporation, Ltd., has been established at the instigation of the German financier, Herr Stinnes, to continue the sale in this country of German chemicals and other products, formerly carried on by firms which have been voluntarily dissolved because of their known German connections; and whether, having regard to the importance of making this country independent of Germany in regard to the supply of chemicals and other key products of which this corporation acts as agent for the Stinnes industrial group, he will institute an inquiry into the manner in which the company came into being and the steps which it may be desirable to take to prevent German financiers obtaining a control of British markets in this secret manner.

Mr. Baldwin replied that inquiries are being made into the position and connection of this company, but he was not yet able to make a statement on the subject.

Sir F. Hall: Is the right hon. gentleman aware that it is common knowledge in the City that a concern which has been purchased by the Products Corporation cannot carry on their business with the amount of capital they have; that it will involve millions of money, and does he know it is supposed that German financiers are at the back of it, and will he take steps to ascertain the actual facts?

Mr. Baldwin: That is exactly what we are endeavouring to do.

Pharmaceutical Council Election.

II.

HE annual meeting of the Pharmaceutical Society of reat Britain is to be held at 17 Bloomsbury Square, ondon, on May 18, at 12 noon. The Charter lays it down at the meeting is to be held "on the third Tuesday in e month of May in each year, or such other day as ar thereto as shall be determined by the Council." For any years the day fixed has been Wednesday, the ason being that formerly the annual dinner was held on e Tuesday evening. That function, to be revived this ar, is to be held in June, as the annual meeting falls is year in Whit week, and it is considered that the oximity of Bank Holiday would militate against the ccess of the dinner if it were held on the Tuesday fore the annual meeting. The most interesting feature the May function is the election of seven members of uncil, a matter which gives the members of the Society opportunity of choosing representatives of their way thinking. This year there are nine candidates for the ven positions. The voting papers will be sent out this ek. Last week we commenced a review of the candites' qualifications for the positions to which they aspire. e now give the views of two more candidates, one of em (Mr. Nightingale) being a new aspirant to pharmatical honours. The President, Mr. E. T. Neatherat, is also a candidate, but has not favoured us with views, there being, we believe some question of proiety involved. This is a pity, but we print elsewhere in s issue the President's scheme for turning local Assotions into subsidised branches of the Society. tended to keep the Associations "loyal" to the ciety, the scheme is limited by conditions which would ke it possible for few Associations to accept.

Mr. John Keall

a London pharmacist with businesses in the West End, Wandsworth, and at Putney. He is chairman of the Chemists' Defence Association, Ltd., vice-chairman of the Retail Pharmacists' Union, past-President of the Proprietary Articles Trade Association, and chairman of the Propaganda Committee of the last-mentioned body.

Mr. John Keall.

Mr. Keall sends us the following concisely written "credo":

Have a strong belief in maintaining the integrity of the Federations and local Associations of the country, as they are essential to the corporate life of pharmacy.

Consider membership of the iety should be the hall-mark of every member of the l Associations.

Hold the opinion that a suitable opportunity should be sen for establishing our claim for the "restricted" of the word "pharmacy" to pharmacists only.

The term "pharmaceutical chemist" should apply to those who have passed the Qualifying examination. is would obviate the confusion which exists outside rmacy between the titles "pharmaceutical chemist" "chemist and druggist."

To those who hold the Major qualification of the iety the term "Fellow of the Pharmaceutical Society" F.P.S.") should apply, and would give them a clear, inctive title.

Am of the opinion the decision in the "test case" will ure that the statutory functions of the Society can be ried on on a higher plane than ever, and to the full lit of British pharmacy.

Mr. Herbert Riley Nightingale,

who is general secretary of the National Drug and Chemical Union, is the son of a Wesleyan minister, and was born in 1882. He was apprenticed with J. L. Newbigin & Sons, Ltd., Airdrie, and afterwards served as unqualified assistant with J. C. Laird & Son, Ltd., Edinburgh. He then studied at the Central School of Pharmacy, Edinburgh, under Mr. W. B. Cowie, and passed the Qualifying examination in 1903. Afterwards he acted as dispenser to H. C. Baildon & Sons, Edinburgh. In 1905 he removed to Newcastle as manager in one of Proctor & Clague's shops, and in 1909 commenced business in Methil (Fifeshire) in partnership with Mr. Ferguson. At the close of the partnership agreement in 1915 Mr. Nightingale returned to H. C. Baildon as manager of their West End branch. He took an active interest in the formation of the National Drug and Chemical Union in Scotland, and was President of the Scottish Divisional Council from its commencement. In October 1920 he was appointed secretary of the Union.

Mr. H. R. Nightingale.

Mr. Nightingale expressed his views as follows:

I am standing for the Council at the request of the members of the National Drug and Chemical Union, who are assistant pharmacists, in order that they may be directly represented on the Council, and it is my intention to consider all matters brought before the Council from their standpoint.

I am an anti-waste candidate, and consider that an expenditure of 41,000*l.* on behalf of the Society is too large, and that strict and unremitting surveillance should be kept on all expenditure.

I believe that a stricter enforcement of the Pharmacy Acts will be beneficial both for the assistants and the employers.

I am absolutely opposed to any further exemptions from the Preliminary examination, as I consider that already the capacity of trade to absorb qualified men has long since been exceeded.

In regard to education, I am in favour of the education of the pharmacist proceeding along modern lines, and keeping pace with the times. I think that a written as well as an oral examination is necessary for the theoretical portion of the Minor.

I appeal for the votes of the members principally on the ground that in common fairness, as a large number of assistants are members of the Society, they should be directly represented on the Council.

Election Propaganda.

We have received a letter, signed by H. P. Arthur (Glasgow), A. R. Keith (Poplar), G. S. Kitchin (Glasgow), H. O. Lloyd (Cheltenham), A. McMillan (Glasgow), J. B. McVitae (Glasgow), L. Moreton Parry (Liverpool), F. Pilkington Sargeant (Leeds), Chas. Simpson (Aberdeen), J. F. Simpson (Felling-on-Tyne), Herbert Skinner (London), and Chas. Stephen (Dundee), in the following terms:

We very cordially solicit the votes of members of the Society in favour of Mr. Thos. Guthrie. During his period of service as a member of Council Mr. Guthrie has thoroughly proved his capacity, and has established his reputation for soundness of judgment and good commonsense. A progressive of the best type, sympathetic to all movements for the betterment of the craft and of the individual pharmacist, broad-minded, and trusted by all who know him, we believe he will bring to the consideration of our present-day problems a clarity of thought and a sanity of judgment that will be of undoubted advantage to the Society. We therefore with confidence ask our fellow-members to ensure his return by giving him their votes.

The London County Council is recommended by its Asylums Committee to approach the Minister of Health for amendment of the Lunacy Acts by substituting "patient" and "mental hospital" for "pauper lunatic" and "pauper lunatic asylum" respectively.

Personalities.

Mr. H. H. Briggs, chemist and druggist, Nelson, has been elected President of the local chamber of trade.

Mr. F. E. Packer, chemist and druggist, Seaford, has been installed W.M. of the Seaford Lodge of Freemasons.

Mr. Edgar M. Houghton (Houghtons, Ltd.) has accepted a seat on the board of directors of The Association of Manufacturing Chemists, Ltd.

At a recent meeting of the Lodge of United Good Fellowship at Wisbech, Bro. Major Hill, P. Prov. G. Stwd., chemist and druggist, and Bro. W. R. Girling, Ph.C., were elected S.W. and J.W. respectively.

Mr. J. Owen Haylock, Ph.C., who recently took over the management of the branch of Boots, Ltd., at 112/118 Edgware Road, London, W. 2, has been presented by the staff of the Borough Road warehouse with a solid silver tea-set.

At a meeting of the South-West Lancashire and Cheshire Joint (Prescriptions) Committee, held on April 26, the deputy-chairman (Mr. W. T. Fidler) made eulogistic reference to the services rendered to the Committee by the late chairman, Mr. J. W. Deakin. A resolution of sympathy with Mrs. Deakin and the family was unanimously carried.

The centenary of the birth of the late Mr. Thomas Stephens, chemist and author, Merthyr Tidfil, has been commemorated by the exhibition of some medals and other trophies won by him in Eisteddfodic competitions. After his death the business was for some time carried on by his brother-in-law, Mr. R. R. Davis, chemist and druggist, who is still living (in retirement).

Mr. Herbert E. Kendrick, manager of Sanborn Company (London), is taking a business trip to the United States this month, with the object of studying American advertising and selling methods as applied to medicine and pharmacy. He will also attend the American Medical Convention at Boston. His address will be : c/o Sanborn Company, 1,048 Commonwealth Avenue, Boston 47, Mass.

On April 29 the employees of The British Drug Houses, Ltd., held a meeting at which the two retiring directors, Mr. Alan Hicks and Mr. W. A. H. Naylor, F.I.C., Ph.C., were respectively presented with a gold cigarette case and a gold watch, both gifts being suitably inscribed. Each recipient was also presented with an

Directors of The British Drug Houses, Ltd.

autograph album containing the signatures of many hundreds of the employees. Speeches were made by the works manager, Mr. H. S. Collins, and the secretary, Mr. E. Sibley, expressing the deep regret of the employees at the parting and wishing the retiring directors every happiness in their retirement; the presentation was made by the warehouseman, Mr. W. J. Cowdray. Both directors replied in felicitous terms, and a very cordial meeting closed with three hearty cheers for Mr. Hicks and Mr. Naylor.

Mr. T. Hanbury Lloyd, son of Councillor Henry Lloyd, chemist and druggist, Merthyr Tidfil, is creati an all-round reputation in sport at the University Coll of Wales. On the occasion of the annual college spo at Aberystwyth on April 30 he won the first prizes the high jump and long jump. He has previously gain several prizes for flat and hurdle races. Last season M Lloyd was awarded the college colours for associati football and tennis, and this season is captain of t first tennis team.

Mr. G. J. Gostling, chemist and druggist, Ipswi Street, Stowmarket, who has been chairman of the lo board of guardians since 1912, has sent a letter to t board resigning his chairmanship. Mr. Gostling fi became a member in 1901, and was at once elected vi chairman. He remarked in his letter that he is entitl to resign the position of chairman (he is seventy-nine yea of age), but he promised to remain a member. A vo of thanks was passed to him for his long service. T clerk, on behalf of himself and the officers, also thank Mr. Gostling for his courtesy and help on all occasions.

Corner for Students.

Conducted by Leonard Dobbin, Ph.D.

Communications should be addressed "Corner for Students, 'Th Chemist and Druggist,' 42 Cannon Street, London, E.C. 4."

Qualitative Analysis for Junior Students.

A Mixture of not more than three salts will form the su ject of the next exercise in qualitative analysis. Th mixture will comprise acids and inorganic bases occurrin in the British Pharmacopœia, and is to be submitted to thorough systematic examination, all its constituents are t be detected, and proof is to be given that the substanc detected are the only constituents of the mixture.

Students' applications for portions of the mixture of sal (accompanied by *a stamped and addressed envelop* marked "Corner for Students" on the top left-han corner) will be received up to Tuesday, May 10, on whic day the samples will be posted.

Students' reports will be received up to Saturday May 21. Each report should contain a concise account o the work done, and should include a list of the con stituents detected. In this list any substance regarded a an accidental impurity should be distinguished from th essential constituents of the salts composing the mixture.

Special Notice.—The prizes in this series of analyse will be awarded only to apprentices or assistants who ar preparing for the Qualifying examination of the Pharma ceutical Society of Great Britain or of Ireland, *which fac must be attested on their reports.* Others may obtai specimens of the mixture of salts, and their reports wil be separately adjudicated, but they will be regarded a *hors concours.* Correspondents who do not state that they are preparing for a Qualifying examination will be in cluded in the latter list.

Stocks of olive oil in hand in Spain were, last month estimated at 211,000 tons.

The large natural cascara sagrada groves in British Columbia have been destroyed by Japanese collectors in the Coast district, it is reported from Vancouver. The cutters have been despoiling the cascara forests for some years, but the exact extent of the damage which they have done in collecting the bark has been realised only recently. The Legislature of British Columbia contemplates restricting the collection of bark in the natural forests to prevent further destruction of the trees. The despoliation of the cascara trees by Japanese settlers is a case analogous to the camphor situation in China during 1902-1905, at which time Japanese interests practically wiped out the virgin growth of camphor trees in several of the Chinese provinces.—New York "Drug and Chemical Markets."

Births.

Murdoch.—At 23a Duff Street, Macduff, on April 24, e wife of A. H. Murdoch, pharmacist, of a daughter.

Murison.—At Temple Fortune, London, N.W. 4, on pril 28, the wife of Guy Murison (Parke's Drug Stores, td.), of a son.

Pountain.—At 1 Beaconsfield Road, St. Albans, on pril 22, the wife of Fred Pountain, chemist and drug-st, of a son.

Marriage.

Exton—Bowker.—At St. Luke's Church, Harrogate, April 27, by the father of the bridegroom, Charles orman Exton, chemist and druggist, youngest son of the v. J. Gaskell Exton, Stainforth, Settle, to Dorys, only ild of the late Mr. Sam Bowker, Philadelphia, and niece Mr. Bowker, Ilkley.

Deaths.

Barlow.—At his residence, 25 Belgrave Road, lgbaston, on May 3, Mr. Frederick Barlow, chemist d druggist, 181 Balsall Heath Road and 167 Mary reet, Balsall Heath, Birmingham, aged sixty-eight. r. Barlow carried on business at Balsall Heath for many ars, and was a prominent member of the Birmingham harmaceutical Association. Some years ago he was an icer in the Balsall Heath Artillery; and from 1894 to 12 he was a member of the local board of guardians. s geniality and love of dogs brought him many friends his business, and he was frequently in request as airman at social functions. "Fred" Barlow, as he s generally called, was an active Freemason, and isted in founding the Alchemy Lodge. He leaves a dow.

Bellars.—In Guy's Hospital, London, S.E. 1, recently . Albert Ernest Bellars, M.A., F.C.S., late professor chemistry at Rangoon University, aged forty. Mr. llars, who died of a throat affection, was at one time turer in chemistry at Magdalene College, Cambridge, d served during the war as an officer in the Rangoon iversity Volunteers.

Canham.—At Darjeeling, recently, of enteric fever, Mr. omas Archibald Canham, Ph.C., aged thirty-six. Mr. nham served his apprenticeship with Fuller & Co., mists, Norwich, of which city he was a native, and sed the Major examination in 1912. After some ex-ience as an assistant with Mr. Knight, Wimbledon, V., he accepted, in 1915, an appointment at Lahore, ere he joined the Punjaub Light Horse. Mr. Canham e to England in 1920 for a holiday, returning to India February, and his death was quite unexpected.

Clapperton.—At Fochabers, recently, the widow of the Mr. Thomas Clapperton, chemist and druggist.

Gibson.—At Burton-on-Trent, on May 2, Mr. Matthew ry Gibson, chemist and druggist (Gibson & Co., mists, 84 and 85 New Street), aged fifty-nine.

Grace.—At 17 College Road, Great Crosby, Liverpool, April 29, suddenly, Mr. Walter Abraham Grace, mist and druggist, aged seventy-two. Mr. Grace car-on business for thirty-six years in Prescot Street re his removal to College Road. He was one of the st pharmacists in the Liverpool district, and was tly respected. The funeral took place at West Derby etery on May 3.

Hobbs.—At the Constitutional Club, Northumberland nue, London, W.C. 2, on April 28, Mr. William Harry bs, chemist and druggist, aged fifty-four. (See p. 46.) late Mr. Hobbs was well known in the drug-trade ounder, chairman, and managing director of W. H. bs & Co., Ltd., essential-oil distillers, Trinity Place, er Hill, E.C. 3. Prior to commencing business on his own account in 1897, he was in charge of the City office of John Jackson & Co.

Jamson.—At Tuxford, on April 21, Mr. William Samuel Jamson, chemist and druggist, aged seventy-six. Mr. Jamson passed the Modified examination in 1869.

Pattinson.—At Anerley, London, S.E., on April 25. Mr. Michael Herd Pattinson, chemist and druggist, aged seventy-three. Mr. Pattinson was in business for the greater part of his career at the corner of The Crescent and Warwick Road, Carlisle. He resided at Wetheral, where he served on the rural district council and the board of guardians. Some fifteen years ago he removed to London and established the business known as Pattinson's Banana Fruit Foods, Ltd.

Scott.—At Pentland View, Inverkeithing, on May 2, Christina Ballingall Johnston, wife of Mr. Henry F. Scott, chemist and druggist, High Street.

Taylor.—On April 25, Mr. George Harry Taylor, chemist and druggist, 2 Worcester Street, Kidderminster, aged sixty.

Wills.

Mr. Joseph Hickling, chemist and druggist, 9 Ebberley Lawn, Barnstaple, who died on December 8, left estate of the gross value of 2,373*l.*

Mr. Chas. Harrison, 54 Egerton Road, Withington, Manchester, druggists' sundriesman, who died on March 1, left estate of the gross value of 5,097*l.* 11*s.*, of which 4,099*l.* 0*s.* 6*d.* is net personalty.

Mr. Edward Fordham, High Bank, 454 Seven Sisters Road, London, N., chairman of W. B. Fordham & Sons, Ltd., York Road, London, N., who died on December 6, left estate of the gross value of 7,398*l.* 11*s.* 5*d.*, with net personalty 7,035*l.* 9*s.* 6*d.*

Mr. James Wilson, chemist and druggist, 16 St. Hubert Street, Great Harwood, Lancs, who died on February 28, left estate of the gross value of 13,812*l.* 3*s.* 9*d.*, with net personalty 13,373*l.* 6*s.* 6*d.* Probate of his will, dated January 29 last, has been granted to his brother, Mr. Joseph Wilson, Oak Dene, 200 Long Lane, Ashton, and Mr. Chas. Albert Critchley, chemist, Blackburn. The testator left 50*l.* each to Mary Bradley and Mary Alice Standen, 700*l.* to his brother Joseph, and 200*l.* each to his daughters, Monica and Ellen, 200*l.* each to the daughters of his sister, Mrs. Guerden, his business as a chemist, stock, etc., to his nephew, Joseph Guerden, 25*l.* to Mr. Critchley for the executorship, 300*l.* to the Rector of Stonyhurst College, for the general purposes thereof, 100*l.* to the Great Harwood District Nurses' Fund, and the residue of his estate to the Roman Catholic Bishop of the Diocese of Salford, for the Diocesan Mission Fund and the Ecclesiastical Education Fund of the diocese.

Retail Pharmacists' Union.

Manchester.—A meeting of the Manchester and Salford Branch of the Retail Pharmacists' Union was held on April 27. Mr. J. H. Nidd, who occupied the chair, referred sympathetically to the death of Mr. Deakin, and a vote of condolence was passed. The election of the executive committee was then proceeded with. The following were elected for Manchester: Messrs. Bell, Beal, Cleworth, Edwards, Haines, Hershberg, Miller, and Nidd. For Salford four were elected: Mr. W. F. Cuttiford, Mr. J. L. Davison, Mr. E. H. Simmons, and Mr. H. Stout. For the county the following were elected: Messrs. F. W. Bates, J.P. (Stretford), W. I. Scholes (Eccles), J. H. Sherwood (Urmston), V. Yates (Swinton). Mr. A. Hershberg was unanimously elected *Chairman*, and Mr. W. F. Cuttiford (Salford), *Vice-Chairman*; Mr. T. Miller, *Secretary*; and Mr. G. H. Haines, *Treasurer*. A paper on *What Matters in Business*, by Mr. Porter (S. Maw, Son & Sons, Ltd.), was read by the secretary.

Trade Notes.

Olive Oil of new crop is offered at 17*s.* 6*d.* per gallon by Butler & Crispe, 80-82 Clerkenwell Road, London, E.C. 1.

Confellax.—A special introductory offer is made by Evans, Gadd & Co., Ltd., Exeter and Bristol, of Confellax, an aperient confection.

Koh-i-Noor Tooth-brushes.—The advertisements in the "Daily Mail" are not full-page, as we stated last week, but are attractive nevertheless.

Albums of British make are offered by Bartons (Birmingham,) Ltd., Cosway Works, Handsworth, Birmingham. Particulars are given in the announcement in this number.

Maltine if of a date prior to 1919 can be exchanged for newer packings. The offer is made in the advertisement in this issue of the Maltine Manufacturing Co., Ltd., 183 Acton Vale, London, W.

Whitsuntide Holidays.—Francis Newbery & Sons, Ltd., 27/28 Charterhouse Square, London, E.C. 1, inform us that their premises will be closed from Friday, May 13, till the following Tuesday morning.

Eureka Weed-killer is a satisfactory agricultural product made by Tomlinson & Hayward, Ltd., Lincoln. There is a big demand for it, which chemists should satisfy, and so keep the business in the drug-trade.

Floral Cachous.—The cachous which are being advertised in this issue by Jules Denoual & Co., Carlton Works, Asylum Road, London, S.E. 15, are heart-shaped and well flavoured. The prices are now at pre-war level, which is an additional recommendation.

Brusson Jeune Bread.—We learn that, after an interval of four years, Brusson Jeune gluten bread is again being regularly sent over from France. Supplies are obtainable through wholesale houses or from Mr. J. Owen Wells, 1 Manor Road, Brockley, London, S.E. 4 (telephone, New Cross 786).

Superol, which is chemically *o*-oxychinoline sulphate, has been referred to previously in these pages. It is a speciality of the Vereenigde Chemische Fabrieken of Amsterdam, for which Mr. Keith Rayment, 2 Broad Street Place, London, E.C. 2, is agent. Being a pure drug, Superol may be sold by chemists unstamped, although recommended for ailments. It is sent out for use in powder form and in tablets of definite strength. Superol is used as a bactericide and in the treatment of sore throat, wounds, chilblains, etc. Circulars for counter distribution and an attractive showcard are to be had on application.

"Moorland" Specialities.—W. B. Cartwright, Ltd., Rawdon, Leeds, send for our inspection samples of several new lines added to the "Moorland" series of pharmaceutical preparations. The Moorland morning salt is a saline packed in flat, square-cornered glass bottles, with an aluminium cap for use as a measure. The saline is finely granulated and effervesces well. The retail price is 2*s.* per bottle. The Moorland health salt is packed in prettily decorated lever-top tins, which are especially treated to ensure that the tins are air-tight. By this means the salt keeps well. The retail price of the tin is 10½*d.* In a similar style of package is the Moorland lemonade crystals, which is made up with terpeneless lemon oil and contains sufficient sugar to ensure a pleasant beverage. The fixed retail price is 1*s.* a tin. The other samples are Moorland dental cream packed in collapsible tubes and card outers, the decoration being light and dark blue. There are two types, distinguished by the flavour, mint or aromatic. The dental cream retails at 1*s.* 3*d.* per tube. The series makes good window-displays.

The Society for extending the work of the Rothamsted Experimental Station is appealing for donations. The acquisition of some property during the past year has liberated a considerable amount of space for laboratory work.

Trade-marks Applied for.

The figures in parentheses refer to the classes in which the marks are grouped, for a list of which, with particulars as to registration, see "The Chemist and Druggist Diary," 1921, p. 300.

(*From "The Trade-marks Journal," April 13, 1921.*)

"Distaff"; for chemicals (1). By Menley & James, Ltd., 64 Hatton Garden, London, E.C. 1. 412,706. (Associated.)

"Eclipsol"; for disinfectants (2). By C. A. Stokes, 31-35 Lower Castle Street, Bristol. 403,340.

"Humophos"; for chemicals (2). By W. B. Bottomley, 35 Downside Crescent, Hampstead, London, N.W. 3. 411,094.

"Dalroc"; for vermin destroyers (2). By L. Rozen & Co., 36 Mincing Lane, London, E.C. 3. 412,607.

"Dippemine"; for chemicals (2). By the International Paint and Compositions Co., Ltd., 6 Broad Street Place, London, E.C. 2. 412,623.

"Portonia"; for medicinal chemicals (3). By Lamb & Watt, Ltd., 48 St. Anne Street, Liverpool. 409,072.

"Neobios"; for a tuberculosis medicine (3). By Istituto Romano di Terapia Anti-tubercolare, 60-63 Piazza S. Croce in Gerusalemme, Rome, Italy. 410,281.

"Chocellæ" for medicinal chemicals (3). By Warrick Bros., Ltd., 6 Nile Street, City Road, London, N.1. 411,437. (Associated.)

"Cutolin"; for a remedy for cuts, etc. (3). By D. Davies, 29 Cock Lane, London, E.C. 1. 411,565.

"Superol Brand Ortho-Oxychinoline Sulphate"; for a medicinal chemical (3). By Amsterdamsche Superfosfaatfabriek, 81 Maliebaan, Utrecht, Holland. 412,083. (Associated.)

"Vuzin"; for medicinal chemicals (3). By Vereinigte Chininfabriken Zimmer & Co., Darmstadterlandstrasse 46, Frankfurt-on-Main, Germany. 412,133.

"Camolva"; for all goods (3). By A. H. Paton, 82 Whippendell Road, Watford, Herts. 412,260.

"Moovit"; for a corn pencil (3). By W. W. N. Beadon, Grove House, Kew Foot Road, Richmond, Surrey. B 412,279.

"Nespa"; for medicines (3). By J. Willetts and H. J. Lamb, 95 Beckett Road, Doncaster. 412,311.

"Vem"; for medicinal chemicals (3). By Schoonmaker Laboratories Incorporated, 68 East 42nd Street, New York, U.S.A. 412,482.

"Jiddy"; for medicinal chemicals (3). By J. A. Buckley, 1 Southill Street, Oldham. 412,595.

"Leciferrin"; for a pharmaceutical preparation (3). By D. Szamatolski Mainzerlandstrasse 218, Frankfurt/Main, Germany. 412,642.

"Haline" and "Noviod"; for a pharmaceutical preparation (3). By Mercer Ward, Ltd., 58 Marylebone Lane, London, W. 1. 412,704/705.

"Atuko"; for perfumery (48). By A. Thomas, Jaegerstrasse 17, Gera-reus, Germany. 411,107.

"Velsha"; for all goods (48). By C. A. Stokes, 34 Lower Castle Street, Bristol. 411,807.

"Theatrex," "Texilla Crystals," and "Resonic"; for perfumery, etc. (48). By J. H. Stiles, Jun., 17 St. James' Walk, Clerkenwell, London, E.C. 1. 412,100/101/102.

"Vanitabs"; for perfumery, etc. (48). By John Knight, Ltd., Silvertown, London, E. 14. 412,484.

Information Department.

INFORMATION WANTED.

Postal or telephone information with respect to makers or first-hand suppliers of the undermentioned articles will be appreciated:

V/294. Tuba root, suppliers in this country

A/54. Bupelol.

INFORMATION SUPPLIED.

Inquiries regarding the following articles have been answered. The information as to supply will be given to others who send a stamped, addressed envelope to the Information Department, The Chemist and Druggist, 42 Cannon Street, London, E.C. 4.

Antapsal, L/35
Bitrate of tar, D/35
Burkhart's vegetable compound, P/35
Deschien's syrup hæmoglobin, K/304
Domestic water-stills, B/35
Elliman's embrocation, V/25
Glycobenphene, E/35
Gonosan capsules (original makers), C/35
Haydock's pills, S/35
Midge pest, C/294
Milk powder in bulk, L/25
Parson's pills, S/25
Ratinol, N/294
Salt's foot appliances, C/35
Scales, baby, dispensing and chemical, J/254
St. Jacob's oil, D/35
Solventum, B/245
Waveurl, S/35

Observations and Reflections.

By Xrayser II.

A Disputed Election

is only justifiable when some principle or policy is in dispute, and, so far as I can see, there is no such justification in the case of this year's Council election. The only candidate who can reasonably be regarded as representing a new principle is Mr. Nightingale, who stands for the representation on the Council of the class of assistants to which he belongs, and Mr. Nightingale could not easily have chosen a less favourable opportunity for pushing this claim. I suppose there is not one of the candidates who does not agree with him as to the principle, and there is not one whom he has any special reason to oppose. We cannot even single out anyone who is specially to blame for the great by-law betrayal, and it would be unjust to treat even the President as the scapegoat of the rest. Looking over such of their manifestoes as I have seen, I find little to choose between them. I venture to predict that the seven old members will be returned, in which case it would be a graceful tribute to the class for which he stands to co-opt Mr. Nightingale in Mr. Deakin's place.

The Little Rift

between the Pharmaceutical Society and the Retail Pharmacists' Union is evidently widening. It is the anomalous position of the local associations that is to be blamed for it. The R.P.U. has, it is not obscurely hinted, been a little too eager to secure the adhesion of the associations, and the Society regards its own hold of them as endangered thereby. It is not inevitable, we are officially told, that "complications" will arise, but there is a "potential risk" of them. If there is any risk at all it is of course "potential," and I do not gather (thanks to the abstruse style in which these warnings are conveyed) precisely what the feared complications are, but I can easily imagine that, if such an expression may be allowed, there will be ructions between the two bodies while both persist in foretelling them. Such forebodings are apt to bring about their own fulfilment. To harp upon "the danger of friction" and the possible "division of interests" in one sentence, and to express the belief that a "mutually friendly and accommodating spirit" will continue in the next, is not reassuring. We cannot but suspect that as regards the spirit that will prevail the wish is father to the thought. The plan that is to bind the associations more closely than ever to the Society may not be regarded as "accommodating" by the R.P.U., especially if it is true that these associations are already "practically an integral constituent" of the Society's "structure and functions." Can they be at one and the same time this and branches of the Retail Pharmacists' Union? Be this as it may, we are assured that Codlin's the friend, not Short. I hold a brief for neither, but I can sympathise with the Society in this dilemma.

The Title "Pharmacien"

was not quite so long in "catching on" in France as "pharmacist" was in England. These are respectively the most natural and obvious extensions of "pharmacy," which was in common use as a name for the art of preparing and compounding medicines a good while before they made their appearance. In this country, and I believe in Europe generally, "pharmacopole" or "pharmacopolist" was the earliest name from this source for a dealer in drugs, being, no doubt, taken directly from the Greek. The occurrence of *pharmacien* in France in the seventeenth century has been noted before, but what your Paris correspondent says of its first use in the provinces is new to me. Our Pharmaceutical Society seems to have overlooked the fact that it was introduced into England as "pharmacian" early in the eighteenth century. A writer in the "Philosophical Transactions" for 1720 speaks of "physicians and pharmacians," and, though it was never extensively used and is now quite obsolete, the word in its French form has once at least to my knowledge been used by an unqualified man in defiance of the Society. This was in Liverpool, some forty years ago. What the upshot of the affair was I never heard. Probably it was only a bit of bravado and was not persisted in, but the man's ingenuity amused me, though I could not praise his action. Your correspondent "Chemist and Druggist," whose letter I did not see until the above was written, will be interested to know that "pharmacopole" in England dates from 1541, "pharmacopolist" from about a century later.

The Writer

in the "Birmingham Daily Mail" who said that no distinction should be made between Insurance and private prescriptions, either in drugs or finish, was quite right (or would have been if he had been speaking of the matter as one of policy merely), but he forgot or ignored the fact that a distinction in drugs is (or was) made by the introduction of the stock mixture, and that the authorities responsible for the work thus tacitly admitted the right of the chemist to regard it, so far as is consistent with accuracy and the use of pure drugs, from the economical point of view. I have always said that the wisest plan is not to make any distinction, even in finish, between Insurance and private work, but after all Insurance dispensing is not dispensing *de luxe*, and the panel chemist is under no obligation to make it such. I do not believe for a moment that the "general rule" is at all what this writer says it is, but where the bulk of the work done is Insurance work, the Insurance standard is likely to prevail, and there is no reason why, as regards finish, it should be the standard of Bond Street or Piccadilly. Cleanliness and neatness are all that is requisite anywhere; where these are absent there is room for suspicion that even more serious things are lacking, which is a sufficient reason for not neglecting the comparatively unimportant matter of finish.

Musk

may have been unjustly neglected in modern practice, but it was probably as much over-praised in former times, and both its price and its liability to adulteration were against it. Some of those who praised it most highly admit frequent failures due to the latter cause or the fact that it was not given in sufficiently large doses. Brookes ("General Dispensatory," 1773) would have scoffed at your correspondent's doses of from one to three grains. He has nearly a whole page of complaints in which musk is of great value, but the doses he recommends—from ten to twenty-five grains—are virtually prohibitive. Rennie speaks of thirty-grain doses, but adds that it sometimes fails through being adulterated. The last time I remember dispensing musk was in a case in which Sir William Gull had been called in. The patient took two doses and then died. Next day her husband brought back what was left of the mixture, with the remark that as he understood it was a very expensive medicine we might perhaps be glad to make him a little allowance for it! He explained that Sir William's fee had been a heavy one, but even this did not induce my governor to take the stuff back.

Tuba

seems to be a name of many significances. There is the climbing plant *Aker tuba* referred to in your article, which, by the way, is in Denny's Malay Dictionary (quoted in the Oxford English Dictionary), said to be a species of Dalbergia. The cocculus indicus berry and other fruits used for the same purpose of poisoning fish are also (says the O.E.D.) known as tuba, as is, again, the fermented sap of the flower-buds of various plants, including the coconut and Palmyra palm; and there is the tuba-tree of Persia, the tree of life, of which Moore sings:

> My feast is now of the Tooba Tree,
> Whose scent is the breath of Eternity,

and of which Emerson, speaking of a Persian poem, says: "The soul is figured as the Phœnix alighting on Tuba, the tree of Life." The word can hardly be the same in all these cases, but as applied to fish-poisoning plants it evidently is so, and one wonders what its original meaning is. Some of your readers may be able to tell us.

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The CHEMIST & DRUGGIST, 42 Cannon Street, E.C. 4.

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Editorial Articles.

Pharmacy Reform in Uruguay.

A NEW Pharmacy Bill has been laid before the Chamber of Representatives of Uruguay, and is under discussion both by the Parliament and by the pharmaceutical association of that country. This Bill presents numerous interesting features, foremost among which figures the exact determination of the words "pharmacy" and "pharmacist," which are embodied in the first four articles of the Bill. According to the official specification a pharmacy is "a scientific laboratory, devoted to the preparation of medicaments and to the exercise of other functions falling within the province of the pharmacist, such as analytical work, the study of chemical products, etc." Consequently, no trade foreign to the art of pharmacy *per se*, such as the sale of perfumes and other articles not connected with therapeutics, may be carried on in a pharmacy. A pharmacist is described as a person holding a qualification as such, either conferred or endorsed by the principal university of the republic, and recognised by the National Board of Health. With the sole exception of the National Public Assistance Organisation, no person may own a pharmacy, or participate in the ownership of one even as a partner, unless he be a qualified pharmacist. Every pharmacy belonging to this organisation, as well as its drug depôts and chemical laboratories, shall be under the management of a qualified pharmacist, who shall bear the same responsibilities as the owner of a private pharmacy. The pharmacies attached to the public services, such as the army, police force, etc., shall receive their supplies from the National Public Assistance Organisation, and shall each be managed by a qualified pharmacist, who will be in the same position as if he were a private owner in respect of his duties and responsibilities. In no case may more than two non-qualified persons be employed in any pharmacy for each qualified pharmacist working in that business. During the whole time that a pharmacy is open to the public, by day and also by night, a card must be exhibited in such a way as to be plainly visible to passers-by, showing the name of the responsible pharmacist in charge at the moment. The former distinction between first- and second-class pharmacies is abolished. Every pharmacy must keep in stock all the drugs, chemical products, and galenical preparations enumerated in the Codex, as well as all substances and apparatus used for medical purposes and not contained in the Codex, of which a list shall be published from time to time by the National Board of Health. The pharmacist is required to return to the

atient all prescriptions not calling for toxic substances; e may retain those containing a poison, in which case e is required to supply a copy of the original, even if his copy is not demanded by the patient. Mutual-benefit ocieties are not permitted to own or work pharmacies, or are druggists or manufacturers of chemical and pharaceutical products permitted to have a pharmacy ttached to their businesses. This applies equally to imorters and producers of such products. These establishnents will be regarded as "business concerns," or "inustrial establishments"; they will be required to pay or their licence, and will be authorised to sell only holesale, and each establishment of this description ust be under the management of at least one qualified harmacist. The pharmacists who act as managers of a rug-store or of a chemical factory, or of a pharmacy the service of the National Public Assistance Organisaon, may not at the same time be owners of a private siness. Offences against the provisions of this proposed w will be punished by the temporary or permanent osure of the pharmacy or factory, or by the cancellaon of the pharmacist's diploma. It is proposed to force this law two years after its acceptance by the arliament.

The Position of Seed Oils.

HE market situation in seed oils, although full of perexities, chiefly arising from the grave industrial disrbances, has just lately been mending somewhat, though unsettled conditions will probably continue for me time yet, or until the serious difficulties in regard fuel resources can be overcome. Markets seem very usitive in most descriptions of vegetable oils and other ts. This especially refers to linseed oil, which lately llied fully 3*l*. per ton from the lowest touched in the st week in April, when spot delivery at Hull was, under me forced selling and an absence of trade demand, tually sold down to 21*l*. 10*s*. per ton. This is the lowest int that has been seen since the middle of 1915. The moralisation thus encountered obviously proved congious in other directions, more particularly for cotton , which collapsed at the same centre to 23*l*. 15*s*. per 1 basis Egyptian crude. The Hull price has since covered over 5*l*. per ton, with restricted offers. In gard to cotton oil, in the matter of raw material the sition materially differs from that of linseed. Whereas abundance of linseed is facing crushers this season m the River Plate, whose resources would seem suffint to meet the whole of European and American import uirements without reckoning with shipments from India, spective supplies of cottonseed are expected to prove dequate this year, and this would largely explain the l relatively inflated value of the oil-product now ruling. is anomaly is striking, considering the cheaps of the more valuable product competing against ton oil—*i.e.* tallow, which has been practically going ging for weeks past at around 29*l*. per ton, compared h about 40*l*. for common edible cotton oil in this rket. Under normal pre-war conditions the value of ton oil was many pounds a ton below that of tallow, reas precisely the reverse is now the case to the extent ver 10*l*. per ton. Another anomaly is that the price of a-bean oil at 31*l*. per ton for Hull extracted stands at ut 5*l*. to 6*l*. over the value of linseed oil. Here, again, law of supply and demand differs greatly between these usually competitive articles for certain purposes. A ification of these anomalies should to some extent eventually ensue, but this is hardly possible until more uniform trading conditions can be established. This is contingent on a recovery in general consumption and indications of more normal conditions in raw materials. Meanwhile the conducting of merchant business in seed oils, where so much discrimination is necessary, is anything but a bed of roses. Decreased buying power under the severe upset of industrial enterprise was reflected in the statistics of imports into the United Kingdom for the first quarter of this year, both in oilseeds and oil-nuts and kernels, the respective totals of which amounted to 302,187 tons and 106,504 tons, compared with 340,607 tons and 123,773 tons in the same period in 1920. Oilseeds thus denoted a decrease of 38,420 tons, and oil-nuts and kernels a decrease of 17,269 tons. Crushers obviously were reluctant to provide for prospective needs in disorganised and falling markets. An analysis of the returns given above for the three months reveals the fact that linseed and soya beans alone showed some increase compared with the previous year. The price of linseed had already collapsed badly in the latter part of last year, while the movement of one of the biggest River Plate crops subsequently became manifest. The total of linseed imported in the first quarter of 1921 was 75,842 tons, against 63,621 tons in the same period of 1920, over 60,000 tons of the total representing Argentine seed, while the bulk of the remainder came from India. On the other hand, there was a very marked shrinkage in the receipts of cottonseed from India to 7,350 tons, this comparing with 57,324 tons in the first quarter of 1920, although this was to a certain extent offset by an increase in the arrivals from Egypt of about 12,000 tons, the imports being 75,000 tons. In regard to nuts and kernels the chief decrease related to palm-kernels, the aggregate of which represented 56,189 tons for the quarter, compared with 68,289 tons for the same quarter of 1920. Ground-nuts showed a trivial increase, but copra a decrease of, roughly, 4,000 tons. Developments in linseed will be watched with unusual interest this season, chiefly because of the formidable River Plate crop, estimated at over a million tons. The quantities afloat to this country were recently swelled to over 100,000 tons, but have since dropped to about 88,000 tons, which, with the tonnages bound for the Continent, give an aggregate of 165,000 tons. Recently several River Plate cargoes were fixed for early loading, so that ample supplies are in sight. At the moment spot linseed is rather scarce, but it is significant that prices are not a great deal above the lowest registered some time back, apart from spot seed, which now commands only a moderate premium, compared with about 6*l*. a ton early in April. While there is apparently a little more stability around the markets, this may be ascribed in some measure to the general assumption that they are ripe for some little revival of genuine activity, but it seems very doubtful whether anything like a further important recovery in values, if it takes place at all, will be sustained for very long. No doubt there are important trade needs to be filled as the result of the virtual exhaustion of stocks in manufacturers' hands during the protracted period of industrial unrest, but when this has been accomplished reactionary conditions would presumably follow. For the present there is admittedly distinctly more reticence shown by sellers, although the situation has been left very confused by the vagaries of the last few months. Markets are badly in need of being regulated on a more workable basis in the oil-crushing industry, which is, of course, absolutely essential if business is to broaden out and eventually to be restored to what it was under pre-war conditions. Seed-crushers have been working at much

below normal capacity for several months past, but their operations have apparently not been so seriously cut down as have those in various other important industries. As a matter of fact, the mills have been kept running fairly well during the crisis at their attenuated rate of about 50 per cent. of normal capacity. Generally reduced trade requirements account for this. It is sincerely to be hoped that the coal crisis will soon prove to be past history, and that the wheels of commerce will at no distant date revolve once more and thus make progress towards re-establishing equilibrium in this country's industries; as it is now, foreign competition in international markets has been allowed to develop at an alarming rate at Britain's expense.

Wine-Licence Conditions.

The report which has appeared in the public Press of a chemist holding a wine licence, who was convicted and fined for allowing his licensed premises to be internally connected with other non-licensed premises used as a restaurant, requires to be read in the light of the present state of our law if an injustice to the licence-holder is to be avoided. One report states that the Justices ordered the wine licence to be forfeited. This is misleading. In the ordinary course of things it would be taken to imply that the licence-holder had, in the opinion of the court, been guilty of an offence for which they, in their discretion, thought they ought, in addition to the fine, to decree the further penalty of forfeiture of the licence. This is not so. The licence of a person becomes automatically forfeited on his conviction of the offence of making or using, or allowing to be made or used, any internal communication between his licensed premises and any unlicensed premises which are used for public entertainment or resort, or as a refreshment-house. The magistrates have no discretion in the matter. The non-licensed premises in this case were an ordinary café. The offence might also be committed by making communication with an ordinary shop, or an auction room, or even a private house or room in which for the time being an auction sale is being held, or a cricket or recreation ground, or a railway platform. As the offence is one for which ordinarily the tenant is responsible, the law gives protection to the landlord where the forfeiture takes place on a first offence. In such a case any owner of the premises may make application to an ordinary court of summary jurisdiction, which is authorised to grant him a protection order, just as the order might be granted to a transferee of a licence pending the proposed transfer. As to the establishment of communication between premises licensed for the sale of wine and other premises, it might be noted that since the Finance (1909-10) Act fixed the licence-duty on the annual value of the premises, the offence involves a loss to the revenue as well as a violation of police law.

Business Changes.

Lautier Fils, Ltd., essential-oil distillers, have removed from 210 Tower Bridge Road to 4 Denman Street, London, S.E. 1.

Slack & Brownlow, filter-makers, have removed from Abbey Hey, Gorton, Manchester, to more extensive premises at Town Mills, Tonbridge.

E. H. Geddes & Co., drug and chemical merchants, 49 Leadenhall Street, London, E.C. 3, announce the following alterations: 'Phone number: Avenue 8458; telegraphic address: "Priesgedma, Fen, London."

The business of M. H. Stiles & Son, manufacturing and retail chemists, 2 French Gate, Doncaster, of which Mr. H. W. Stiles, chemist and druggist, has been the sole proprietor for the past three years, will in future be carried on under the title of "Harry Stiles."

London Chamber of Commerce

The thirty-ninth annual report of the Council of the London Chamber of Commerce was submitted to the annual meeting of the members held at Skinners' Hall, London, E.C., on April 27. The report of the Perfumery Manufacturers' Section stated that, in view of the appointment by the President of the Board of Trade of a Committee of Inquiry to consider questions relating to the Merchandise Marks Act of 1887, the Section considered it necessary that their views should be placed officially before the Committee, and Mr. T. Exton Gardner submitted evidence as to the desirability of amendments and extensions of the provisions of the Merchandise Marks Act dealing with indications of origin. The general effect of the evidence was that all perfumery and toilet articles of foreign origin packed ready for sale should bear an indication of their foreign origin, which indication should be both to the trader and to the purchasing public; where an article gave a foreign address, no other indication was necessary, but where the address of London selling agents, or any British address, was given on the package, then the words "not of British manufacture" should be clearly indicated on the package in which the goods were sold to the public. It was also suggested that all articles finished or assembled in this country should not be required to bear an indication of origin other than British, although the component parts were of foreign origin, but if assembled or finished in a foreign country, although containing material of another foreign country, the finishing country should be stated or the indication given, "not of British manufacture." It was also pointed out, among other matters, that perfumery manufacturers were seriously prejudiced by the imitation of their goods in Japan, and imitations of well-known articles made by Japanese houses, together with samples of the genuine articles, were exhibited. The Section actively opposed the proposal in the Budget, introduced early in 1920, to increase the duty on spirit for manufacturing purposes, which, it was considered, would have a detrimental effect upon the trade, and would result in the Government collecting less revenue, in so far as less quantities of perfumery would be sold. The Section's objections were conveyed to the Chancellor of the Exchequer and to the Financial Secretary of the Treasury. A memorial was sent in conjunction with the Essence Manufacturers' Association, urging, for reasons specified, that facilities should be given for manufacture in bond for the home and export trade, which memorial was still the subject of negotiation at the end of the year. Among other matters, the Section discussed at several meetings the use of fictitious French names in selling perfumery articles, and passed a resolution on the subject, members of the Section agreeing to use their personal influence to discourage the practice. The question of the exportation of perfumery was dealt with, and the Department of Overseas Trade was urged to issue a report giving the value of perfumery and cosmetics exported to various destinations by Germany, France, United States, and England. Some particulars received at the end of the year were circulated for the information of members. The appointment of the Rates Advisory Committee by the Ministry of Transport served as an opportunity for the Section to urge certain modifications in the classification relating to the carriage of articles. From time to time the Section discussed the rates of wages in the perfumery trade, and members conferred upon various agreements made by the Soap and Candle Makers' Association. Representations were made to the glass bottle manufacturers, in view of the irregularities in the capacity of perfumery bottles. The Section supported action taken by members to obtain compensation from the Customs for spirit run to waste in transit. The Section also discussed and took necessary action in connection with the Unemployment Insurance Act, co-operative system of delivery by motor vans, Import and Export Regulation Bill, pilferage of perfumed spirit, price of soap, Foreign Samples Exhibition, etc.

Pharmaceutical Society of Great Britain.

Council-meeting.

A meeting of the Council was held at 16 Bloomsbury Square, London, W.C., on May 4. All the members were present with the exception of Mr. J. R. Young and Mr. J. Keall, who both sent apologies for absence, and the chair was occupied by the President (Mr. E. T. Neathercoat). The minutes of the meeting held on April 5 had apparently been confirmed at a private meeting held the previous evening.

The Late Mr. J. W. Deakin.

The President, at the outset of the proceedings, said: Gentlemen,—Since our last meeting this Council and the cause of pharmacy generally throughout the country have suffered a great loss. I refer, of course, to the untimely passing of John William Deakin, a member of this Council and first chairman of the new Retail Pharmacists' Union. I think it is not too much to say that the tragic suddenness of his death and the dramatic circumstances surrounding it created a profound impression upon the whole of the pharmaceutical community, and came as a great shock to every pharmacist in Great Britain. Mr. Deakin was one of the outstanding figures in pharmacy in Great Britain during the last ten years. He came first of all, I think, into prominence in connection with our local organisation work somewhere about ten or eleven years ago. We all of us well remember at our annual Conference how he intervened in the debates with considerable brilliance; and some of the speeches he delivered at these conferences will be remembered for a very long time indeed by those who first heard them on these occasions. He was one of the first elected representatives of the first Local Associations Executive, and it is well known here what great interest he always took in the work of that body. He was its last chairman, occupying the position as he did when that Committee ceased to exist. He was elected to this Council in 1916, and was elected, as I have said, to be the first chairman of the new Retail Pharmacists' Union, passing on to that body when he gave up the chairmanship of the Local Associations Executive. Apart from his work in pharmacy, Mr. Deakin did a tremendous amount of public work in his own local area. He was connected with all the local activities of that district, and I think it is not too much to say that he has left an indelible mark upon the political, social, and municipal life of the county of Cheshire. He was, many years ago, appointed a Justice of the Peace for that county, and occupied the chairmanship of a great number of institutions in connection with which he played so prominent a part in that area of the country. Personally, Mr. Deakin was of a very genial disposition. He was of a very lovable character, readily accessible to anybody, and our association and social relationship with him at this table we valued very much indeed. It was my duty, as President of this Society, to represent the Council officially at his funeral, and I was the bearer of a wreath from this Council to place upon his grave. I was associated in that representation with four or five of my colleagues, and others of them would have been present at the mournful ceremony had the train service made that possible. I think those of us who were there witnessed a spectacle we shall not very easily forget. It really was a wonderful funeral, and the tribute paid to him by the whole of the institutions of that area with which he was connected, represented as they were in a very large number of cases by members and representatives of them, formed a memorable and impressive procession. The church, which is a large one, was packed with men who had taken part in the procession, and a great number were unable to get in at all. The tribute paid to our late colleague by the people of his own town and district left a great impression upon those of us who journeyed from London to pay our last tribute on that occasion. John William Deakin was a born leader of men. He was a great champion of the interests of pharmacists, and an ardent defender of their privileges. And now he has gone. Those of my colleagues at this table desire me, in speaking on their behalf in this room where his voice has been so often heard—at this table where we have been so accustomed to see him—to express our many regrets at his untimely passing, to pay this tribute to his memory, and to assure Mrs. Deakin and the members of his family of our very great sympathy in their intense and their sad bereavement. I beg to move:

That this Council records with profound sorrow the untimely death of John William Deakin, a valued and esteemed colleague who for the past five years has well and faithfully served the Society, and pharmacy in general, with zeal, tact, and ability in the administrative responsibilities devolving upon him as a councillor. The wide experience of public affairs, the intimate acquaintance with pharmaceutical difficulties, and the special gifts of facile and convincing expression which Mr. Deakin brought to the discharge of his duties rendered him a peculiarly acceptable addition to the counsels of pharmacy, and his unvarying courtesy, good will, and geniality endeared him to all who were privileged to be associated with him in public or social work. The Council keenly feels the loss which has fallen with tragic suddenness upon Mrs. Deakin and her family, and desires to tender the most respectful and sincere sympathy and condolence with them in their time of bitter affliction.

The members of the Council have wished me to express their feelings with regard to this sad event, and I shall therefore be the only speaker to this resolution, which is formally seconded by the Vice-President (Mr. Sargeant). I ask you to pass the resolution.

The resolution was adopted by the Council upstanding for a few moments in silence.

The Vacancy on the Council.

The President officially reported the vacancy on the Council caused by the death of Mr. Deakin, and moved that consideration of the matter be adjourned until the next meeting.

The motion was formally seconded by the Vice-President and agreed to without comment.

Elections and Restorations.

It was agreed that fifty persons be elected members, that forty-two be elected student-associates, that one be restored to the Register of Chemists and Druggists, and that 471 be restored to the Society. The registrar reported that since the last meeting he had registered eighty-seven persons as apprentices or students.

Awards of Prizes.

On the report of the Dean regarding the usual prize examinations at the termination of the Major course, the Library Committee recommended that the following awards should be made:

Botany.—Silver medal, certificates: Douglas Stephenson, Leslie Gerald Matthews, Reginald Matthews Davies, John Frederic Hart (the last two equal). *Chemistry.*—Silver medal, certificates: Douglas Stephenson, Cecil Roberts Harry, Leslie Gerald Matthews. *Practical Chemistry.*—Silver medal, certificates: Francis Henry Newman, Christopher Preston, William Francis Wynne. *Materia Medica.*—Silver medal, certificates: Leslie Gerald Matthews, Douglas Stephenson, Percival Harry Woodnoth.

The examiners in the Council prizes competition reported that there were fourteen competitors, and that three candidates had obtained marks entitling them to awards in the following order:

Pereira Medal: Douglas Stephenson.
Silver Medal: Frederick John Dale.
Bronze Medal: Leslie Gerald Matthews.

A formal resolution was passed confirming the awards, and a resolution was adopted thanking Messrs. Boon, McDougall, and Stephenson for having conducted the examination for the Council prizes.

Correspondence.

A letter was read from the Joint Board of Scientific Studies asking if the Council would be willing to

contribute towards the expenses of the Board for 1921-2. The secretary explained that last year the Society contributed 10*l.* 10*s.*

After an explanation in committee, given by the representative of the Society on the Board (Mr. White), Mr. Rowsell expressed the opinion that the Council would be well advised to keep in touch with the various bodies which were likely at any time to have any bearing upon pharmacy; and it was unanimously agreed to contribute 10*l.* 10*s.*, as suggested.

A letter from the Federation of Medical and Allied Societies intimated that the annual dinner of that body would be held at the Café Royal, Regent Street, London, W. 1, on May 26, when Dr. Addison, late Minister of Health, would be the principal guest, and Sir Alfred Mond, his successor, would also be present. The letter invited members of the Council to attend the function.

Mr. Rowsell said he understood that the President of the Society and Sir William Glyn-Jones were to be officially invited as guests on the occasion. Seeing that Dr. Addison, to whom he thought, viewing matters pharmaceutically, they owed their thanks, and the new Minister of Health were to be present, he hoped the President and Sir William would accept the invitation, and that as many members of the Council as could conveniently attend the dinner would do so.

The President also expressed the hope that members of the Council would attend the function.

A letter was read from the secretary of the North British Branch (Mr. J. Rutherford Hill), intimating that at the recent meeting of his Committee it was recommended that Mr. Hugh Millar Robin, 16 Leven Street, Edinburgh, be appointed divisional secretary for Central Edinburgh, in succession to the late Mr. R. L. Hendry.

It was agreed that effect be given to the recommendation of the North British Branch.

Finance Committee.

The monthly financial statement is summarised as follows: Receipts since last meeting, including a balance of 7,795*l.* 2*s.* 8*d.* brought forward, amounted to 12,775*l.* 1*s.* 7*d.*, comprising the following items: "Journal" and publications, 7*l.* 9*s.* 6*d.*; ground rent, 96*l.* 5*s.*; restoration- and registration-fees, 270*l.* 18*s.*; penalties and costs, 95*l.* 10*s.*; subscriptions, 3,131*l.* 12*s.* 6*d.*; examination-fees, 55*l.* 15*s.*; interest, 12*l.* 18*s.* 11*d.*; school-fees, 997*l.* 10*s.*; sale of registers to H.M. Stationery Office, 312*l.* From this total were deducted deposit, London County Westminster and Parr's Bank, Ltd., 2,000*l.*, and payments ordered at last meeting, 4,875*l.* 11*s.* 10*d.*; leaving a balance of 5,899*l.* 9*s.* 9*d.* The other balances were: Benevolent Fund (current account), 2,169*l.* 4*s.* 9*d.*; Benevolent Fund (donation account), 670*l.* 4*s.* 3*d.*; War Auxiliary Benevolent Fund, 1,300*l.* 10*s.* 8*d.*; and Orphan Fund, 278*l.* 10*s.* 3*d.* The report recommended that accounts amounting to 4,726*l.* 7*s.* 2*d.* be paid, together with 218*l.* 7*s.* 4*d.* towards the Staff Provident Fund, and that the action of the secretary in making payments on account of current expenses, amounting to 695*l.* 2*s.* 1*d.*, be approved. It also stated that the Society has on deposit at the bank 3,800*l.*, being the purchase price of "The Elms," and recommended that this should be invested. The report and recommendations were adopted without comment.

Benevolent Fund.

The report of this Committee gave particulars of applications for assistance that had been received and recommended payment of seven grants varying in amount from 5*l.* to 26*l.* In two cases the Committee made no grants, as the applicants were not eligible for assistance from the Fund. In the case of a daughter (aged six) of a registered chemist who died in South Africa, the Committee decided to make arrangements for her schooling and make a grant not exceeding 20*l.* when these had been completed. The Committee agreed to an annual calling in of the Fund's collecting-boxes and instructed the secretary to fix a period according to the convenience of the office staff.

Miss Buchanan, in moving that the report be received and adopted, remarked that the case from South Africa dealt with by the Committee afforded a good instance of the widespread usefulness of the Fund and of the need there was for a world-wide appeal being made for further support by pharmacists across the seas.

Mr. Keith stated that he did not in the least object to the grant being made in the case referred to by Miss Buchanan, but desired to know the reasons which influenced the Committee to dismiss two other cases as ineligible.

The point was dealt with in committee, as were also several other questions bearing on cases dealt with in the report.

Miss Buchanan subsequently intimated receipt of the following special contributions to the Fund during the month of April: H. Amon, Streatham, 1*l.* 5*s.* 4*d.*; T. Barlow, Birmingham (collection at Alchemy Lodge), 4*l.*; Bradford Pharmacists' Association (collection at meeting), 2*l.*; W. Browne, London (box), 1*l.* 1*s.* 9*d.*; Bruce, Ltd., Ealing (weighing-machine), 11*s.*; J. Hayllar & Son, Hoddesdon (weighing-machine), 13*s.* 6*d.*; F. Hindle, Preston (box), 1*l.* 1*d.*; J. G. Jackson, Sheffield (box), 19*s.* 7*d.*; Leicester Ladies' Committee (per Mrs. R. Blockley), 45*l.*; Liverpool Chemists' Association (smoking concert), 126*l.* 9*s.* 4*d.*; Newcastle and District Pharmacists' Association (smoking concert), 11*l.* 11*s.*; Oldham and District Association (per J. Allan), 1*l.* 10*s.*; W. H. Owen, Manchester (weighing-machine), 1*l.* 5*s.*; Oxford and District Chemists' Association, 2*l.* 11*s.*; E. Poole, Cardiff (whist-drives), 23*l.* 13*s.* 6*d.*; J. Robins, Wantage (weighing-machine), 1*l.* 10*s.*; Miss M. Samuelson, Chingford (sale of hand-painted chocolate boxes), 1*l.* 5*s.*; Scarborough Junior Pharmacists' Club (per H. R. Allanson), 2*l.* 2*s.*; Southampton Pharmacists' Association, 2*l.* 3*s.* 2*d.*; Stickland & Co., London (box), 1*l.* 1*s.* 2*d.*; J. A. Symonds, Ipswich, 1*l.* 1*s.*

The report was adopted.

Library Committee.

The report of the Library Committee stated that a report from Mr. E. Saville Peck in regard to the approved schools which he had visited during the past year having been considered, it was recommended that the schools already recognised for Parts I. and II. should be recognised for the session commencing in October 1921, and that Mr. Peck be asked to submit to the Committee a statement as to the equipment, staff, and other conditions which the Committee should insist upon before recognising schools for the course commencing in October 1922. The Committee resolved that the conference of teachers engaged in the training of pharmaceutical students should be held in July. Several donations of books to the library were acknowledged.

Mr. White, in moving the adoption of the report, commented on the absence of the names of ladies from the list of awards recommended in the report made by the Dean.

The report was adopted. Several recommendations made by the Committee were discussed *in camera.*

Dangerous Drugs Act Committee.

The following report was adopted:

The Committee have considered suggestions for amendments to the draft of the Dangerous Drugs Act Regulations which the Home Office Committee propose making, and which were submitted in confidence to the Society for their observations. The suggested amendments constitute a considerable improvement on the Regulations originally drafted, but by no means meet the criticisms and suggestions submitted in the joint case presented to the Committee. Up to to-day (April 29) no further communication has been received from the Home Office Committee, which it is understood is still continuing its sittings.

Local Organisation.

The President presented a memorandum dealing with future local organisation of the Society. It was decided to adopt the memorandum as follows:

It will be generally admitted that the present system of local organisation, as set out on page 229 of the 1918 edition of the Society's Calendar, is no longer applicable to the present position of affairs resulting from the judgment in the test case, and from the formation of the new Retail Pharmacists' Union.

Furthermore, the decision of the Council to hand over to

the new union all questions relating to National Health Insurance matters, in so far as they involve the subjects of prices and remuneration, together with the checking of accounts, renders it no longer essential for the Society's organisation to be built up with special regard to the constitution and incorporation of the Pharmaceutical Committees.

Further, there is no necessity, at the present time, to provide machinery such as the existing scheme successfully furnished for periodical conferences for discussion of Insurance matters and so-called "trade" problems.

Nevertheless, the members of the Society must certainly be organised locally, and such organisation must possess efficient and effective means by which the views of pharmacists—both as employers and as employees—may be made known to the Council.

There must also be the means provided for local propaganda work, parliamentary and other activities such as may be from time to time required by the central policy of the Council. The basis of membership of the Society being the registration of the individual under the Pharmacy Acts, in my opinion it should necessarily follow that local bodies constituted to represent the Society in any part of Great Britain should have the same broad basis of membership.

It should also be possible for the student-associates of the Society to become in some way attached to the local association, possibly in the form of associates of the association.

The old local pharmaceutical associations, in the great majority of cases prior to 1911, were, in my opinion, wisely constructed upon this statutory qualification of membership, and they included in their membership pharmacists in business, wholesale and retail, qualified assistants, public pharmacists, as well as those engaged in other forms of qualified work, and I am certain that the disappearance of these local associations, or their undue metamorphosis of characterisation, would be not only a great pity, but a grave set-back to the development of the educational, political, and technical side of pharmacy, and I submit that the Council would be wise to revive the old type of local organisation, with the necessary rearrangements and modifications, and to make these local organisations the connecting link between the Society at headquarters and the individual pharmacist in the provinces.

These local associations should be in close co-operation with the headquarters of the Society, and, in order to be of the greatest usefulness, should be, in my opinion, constituted really as local branches of the Society, with the secretary of the same a definitely recognised local officer of the Council.

The following spheres of work, amongst others, would appear to be specially desirable in local centres for the future:

(1) To watch the professional interests of pharmacists locally, with special reference to public-health administration, and possibly the administration of the Pharmacy Acts also.

(2) To promote means for lectures and papers on scientific, technical, and educational subjects.

(3) To provide entertainments and other means of social intercourse.

(4) To secure, as far as possible, unity of action and purpose among the pharmacists in local areas.

The following suggestions might be moulded into a workable arrangement, and are submitted for the consideration of the Council:

(1) The Council should appoint a Local Organisation Committee, consisting of members of the Council, to which Committee should be referred all matters relating to the Society's local organisations.

(2) That an official on the headquarters staff of the Society, under the secretary, should be appointed to deal with the work of this Committee.

(3) Every effort should be made to provide that every member and associate of the Society should be a member of a local association, and where local associations are not available the Council, through this Committee, should take the necessary steps to promote the formation of one.

(4) The local associations to be recognised under this scheme shall only be those in which the membership is restricted to persons who are members of the Pharmaceutical Society, but there should be no limitation in regard to the avocation of such registered persons. The student-associates of the Pharmaceutical Society should be eligible to become student-associates of the local branch.

(5) Such local associations should be designated local branches of the Pharmaceutical Society, and the secretary of such association should be regarded as the Society's local officer, through whom official communications should pass.

(6) The Council should set aside for the credit of these local branches, from the subscriptions paid by members of the Society, a sum to be used to subsidise, if necessary, the work done by the association as a local branch of the Society. If this is adopted the method and principles upon which the funds are distributed will require careful consideration by the Council.

(7) The Council, through this Committee, should arrange for periodical district meetings, at which a member of Council or an officer of the Society should be present.

This was all the public business.

Annual Report.

The following are the portions of the annual report of the Council which are of general interest to chemists:

Finance.—The year has been marked by a phenomenal increase both in the Society's income and expenditure. In the year 1919 the income was 29,000*l.* and the expenditure 25,000*l.*; those figures constituted a record. This year the income has been 50,000*l.* and the expenditure 41,000*l.* The increase is, in the main, accounted for by the greater number of candidates for examination, the increase in the school-fees resulting from the abnormal number of students in the Society's school, together with a satisfactory increase in the amount received in subscriptions from members and students. These have necessarily involved large additions to the expenditure on examinations, the "Journal," and the school.

As was the case last year, but in an enhanced degree, the Society's income has been augmented by reason of the fact that so many apprentices or students who would have been registered and would have sat for their examination during the war were prevented from doing so, and owing to the assistance given to ex-Service students, many who in normal circumstances would not have been taking their examination for some time to come, have sat during the year under review. It is therefore clear that the Society has been making up the leeway of the war years, and anticipating the income which normally would have been spread over a few of the coming years.

Whatever may be the ease in the near future, the reduced value of money, which had so marked an effect on the increase in the main items of expenditure in 1919, has had a similar effect in the present year. Serious expenditure will be involved on overdue repairs and renovations, some of which will be undertaken this year.

While the result of the test case will relieve the Society of certain functions, the Council look forward to increased activity in connection with the statutory obligations of the Society, particularly in regard to education, the administration of the Pharmacy Acts, and the development of the functions to be performed by pharmacists. With the prospective changes associated with the prevention and treatment of disease, it is more than likely that legislation will be required which will materially affect the value of the Society's qualification and the position of those who possess it.

Education.—There are now twenty-five institutions, well distributed throughout the country, at which are given courses recognised by the Society for the purposes of both Part I. and Part II. of the examination. In addition, there are about forty schools recognised for all or part of the subjects of Part I. of the examination only, and this latter number is an ever-increasing one. The policy of the Council is that there need be no limit to the number of institutions recognised for the purposes of Part I., provided they reach the necessary standard of efficiency, both as regards teaching staff and equipment, for it is the desire of the Council that these facilities should be brought as near to the door of the apprentice or assistant as possible. In regard to Part II., the policy is not to increase the number beyond that which can be regarded as reasonably required to meet the number of students who normally would be needing the course. To do so would lead to classes not sufficiently large to justify the provision of adequate teaching staff and equipment. The responsibility which the Council has undertaken in regard to the approval of schools for the purposes of the curriculum carries with it the necessity for inspection. This involves expenditure, which is inevitable if the Society is to perform one of the most important of its chartered functions—namely, "the promotion of a uniform system of education."

It was found necessary to postpone the bringing into force of the new syllabus for the Qualifying examination until after October 31, 1922.

The interim report of the Consultative Council on Medical and Allied Services of the Ministry of Health foreshadows the setting up of a committee by that body to investigate and report upon the question of what should be the future functions of the pharmacist in relation to the services which the Council are advising, and "as to the most appropriate training and the necessary qualification for those who are

to perform these functions." Pending any action which may arise from such a report, the Council have taken power to allow part of the 4,000 hours to be spent in practical training to be taken at such public institutions as may be approved for the purpose by the Council.

The Council again desires to emphasise the necessity of pharmacists insisting upon their apprentices or pupils registering as pharmaceutical students at the commencement of the term of service.

Benevolent Fund.—The annual subscriptions received during 1920 amounted to 1,970*l.*, being an increase of 343*l.* on the preceding twelve months, and constituting a record for recent years.

The Council gratefully acknowledges the important part played by the local pharmaceutical associations of the country in thus helping to transform a deficiency of 219*l.* in December 1919 into a credit balance of 638*l.* in December 1920.

It is hoped that the Fund may be still further strengthened by the special efforts being made by the Benevolent Fund Committee to establish systematic propaganda as a part of the routine of Local Association work, as well as by the stall at the Chemists' Exhibition in June next, which, through the generosity of the proprietors of the Exhibition, has been placed at the service of the Council.

The needs of the Fund are great and ever increasing, but the Council has confidence that British pharmacists may always be relied upon to meet any real claim upon their sympathies and benevolence. Additional annuitants could not be elected last December, but several increases in the allowances made to annuitants were authorised, involving an additional annual charge of 200*l.* Altogether, 3,024*l.* 7*s.* was expended in 1920 in relief—that is to say, 1,672*l.* 10*s.* in annuities and 1,351*l.* 17*s.* in temporary grants.

War Auxiliary Benevolent Fund.—The sum of 1,713*l.* has been expended this year in grants from this Fund to ex-Service pharmacists, students, or dependents of Service men, and the balance of the Fund is now 19,479*l.* The Committee is considering various proposals which have been suggested for dealing with this balance, but the provisions of the War Charities Act, under which the Fund is registered, may render prolonged consideration unavoidable before a scheme which would meet with the approval of the Charity Commissioners could be agreed to. Meanwhile the claims upon the Fund have by no means ceased.

Local Associations Executive.—The action brought by Mr. Jenkin against the Society with a view to removing doubt as to the power of the Society to deal with industrial organisation resulted in a decision against the Society being given by Mr. Justice Petersen in the High Court of Justice, Chancery Division.

The learned Judge, in giving his judgment on the points submitted to him, gave utterance to the following important words:

"In my opinion the authorities justify me in holding that if the Society in the present case intends to do acts which are not authorised by its Charter, a member is entitled to ask for an injunction restraining the commission of acts outside the scope of the Charter, which may result in the forfeiture of the Charter and destruction of the Society."

These words, combined with the general tendency of the judgment against the Society's taking part in industrial organisation, placed the Local Associations Executive Committee in an anomalous position.

The Council therefore reviewed the whole of the Society's activities in the light of the judgment, and arrived at the conclusion that considerable reorganisation would be necessary.

It was decided that the Local Associations Executive Committee should be discontinued as part of the Society's organisation, and should be encouraged to reconstitute itself as an independent organisation.

The Council came to the conclusion that, provided an independent organisation was established of a representative character for dealing with trade matters, it would transfer to the new body the Central Checking Bureau, National Health Insurance matters, and all industrial organisation affairs hitherto conducted by the Society.

This has been done. The Retail Pharmacists' Union was established independently of the Society, and is now responsible for all trade matters affecting pharmacy, the Society being free to carry on its chartered objects and watch the professional interests of pharmacy.

Examinations.—In the course of the year 1920 3,327 persons entered for the pharmaceutical examinations, in addition to forty-four who presented themselves for the Major examination. In the result 1,308 candidates passed the Qualifying examination and were registered as chemists and druggists, and twenty passed the Major examination for qualification as pharmaceutical chemists. The Qualifying examination being divided into two parts, which may be taken at separate sittings of the Boards, it is not possible to give the usual table of percentages of passes and failures. It may be stated, however, that of those entering for the whole examination at one sitting 54 per cent. passed, and of those taking Part I. 65 per cent. were successful.

Training Grant Scheme for ex-Service Men.—The important duties undertaken by the Society in connection with the scheme in charge of the Appointments Department of the Ministry of Labour, whereby ex-Service men whose training had been interrupted by the war were assisted, have been continued. The Society is much indebted to the pharmacist members of Interviewing Boards, who have given so much time and thought to the applications for these Government grants. As in the year 1919, to the Council has again fallen the task of allocating, on behalf of the Ministry of Labour, these students to approved schools. In the session commencing in October 1920, in Great Britain 1,388 students have been allocated, and the accommodation afforded by the schools recognised by the Council, many of which were established last year at the instigation of the Council, has been used to the utmost. Notwithstanding this, there were 106 who had received grants for whom it was impossible to find places last year. These students will be allocated next October, and with those who have received grants this year the number to be provided for in October will be about 500. In regard to the students in Scotland, the work has been ably carried on, on behalf of the Council, by the Executive in Scotland.

In order to encourage these students who were waiting to commence their course in 1920, the Council early in the year instituted a preparatory course of work suitable for home study with a view to better fitting the students to avail themselves of the course when it started. Three text-books were selected, and these books were presented to every student who gave an undertaking to do the work and sit for an examination. Of the 1,032 students who accepted the offer, 866 sat for the examination, and to one hundred of those who reached a given standard the sum of 2*l.* was allotted. This year the Council considered it advisable to provide a similar opportunity to the ex-Service students waiting for the October course, in this case, however, making a small charge to barely cover the cost of the text-books. 372 have entered for the course, and have had the text-books supplied to them.

The By-law under the Poisons and Pharmacy Act, Section IV. (b).—As announced in the last annual report, this by-law and the regulations thereunder received the sanction of the Privy Council. The last date fixed for application to be registered thereunder was December 31, 1920. Each application was very carefully considered, with the result that forty-seven have been registered. As the time for application has lapsed, members are in a position to know the effect upon the Register of the by-law, for further additions cannot be made except in the case of a very few whose applications were in time, but which may not have finally been dealt with.

North British Branch.

A MEETING of the Executive of the North British Branch was held at 36 York Place, Edinburgh, on April 27, Mr. James Jack in the chair. There were present: Messrs. Arthur, A. Currie, W. L. Currie, Fisher, Forbes, Gilmour, Glass, Guthrie, Jack, Kitchin, McLaren, McMillan, McNab, McVitae, and Murray.

EDUCATION COMMITTEES.

The Education Committee reported that the Committee had communicated with teachers in the different training institutions and had considered suggestions regarding the Council's proposed amendments on the syllabus of the Major examination, and also suggestions regarding the Qualifying examination and some points in reference to the Regulations. It was proposed to continue the remit to the Committee with powers to formulate suggestions to be transmitted to the Council, and this was agreed to.

The Committee on Allocation of Students and Approval of Training Institutions reported on the allocation of ex-Service students to approved training institutions for the nine months' course of study beginning in October 1921. The Committee had also considered reports by Major Peck on training institutions applying for recognition for the purposes of Part I. of the Qualifying examination, and it was agreed to transmit to the Council Major Peck's recommendations in this connection.

LOCAL ORGANISATION.

It was reported that intimation had been received from Mr. Arthur that the Glasgow and West of Scotland

hemists' Association had been dissolved, prior to amalgaation with the Athletic Club, to form a new Pharmacy lub, of which the former Association would be the ducational and Scientific Section to carry on the work the old Association, *minus* its trade committee.

Mr. Jack (chairman), and Messrs. Guthrie, McNab, and cVitae, were appointed delegates to attend the Scarrough meeting of the British Pharmaceutical Conrence.

It was agreed that the next election of Executive take ace on June 22.

Sale of Methylated Spirit.

The chairman said methylated-spirit tippling is unubtedly very prevalent, and pharmacists are being riously prejudiced and unjustly charged with permitting traffic which they strongly object to. There are also oposals on foot for controlling the sale of methylated irit, which required careful consideration.

The resident secretary pointed out that the matter had en under consideration by the Convention of Royal rghs in Edinburgh, where a report was submitted king unjust and unfounded accusations against leading armacists. It had been necessary publicly to refute ese false statements, and steps had also been taken to ve a disclaimer submitted at the meeting of the Conntion by one of the delegates, and this disclaimer has peared in the public Press.

Mr. Guthrie said this was a very important matter and ected the chemist's responsibility and liability. He s satisfied every care was taken by the pharmacist to event methylated spirit reaching the hands of persons o made an improper use of it.

The matter was remitted to the General Purposes mmittee.

Sale of Medicated Wines.

It was reported that an inquiry had been received from nember of the Society in Stornoway, which voted "no nce" in the recent poll under the Temperance (Scotd) Act. Two local chemists had applied for a wine nce, which had been refused by the Licensing thority. The question had been raised as to what angements could be made in a "no-licence" area for supply of medicated wines. Inquiry had been made the Inland Revenue Department in Edinburgh, but the partment had been unable to give any advice. Consently, the matter had been submitted to the Secretary Scotland, who is the statutory authority for regulat- procedure under the Temperance (Scotland) Act. ey are now awaiting a reply from the Secretary for tland.

New Telephone Agreement.

t was reported that the new telephone agreement had n signed and accepted by the Postmaster-General. In connection it was submitted, on Mr. Meldrum's gestion, that some action might be taken in respect t the pharmacist is specially hard hit by increased phone charges to be imposed at the end of June. In case of the pharmacist, his telephone is largely used a public service, for which he makes no charge and not very well make one. For example, the pharmacist frequently asked to 'phone for a doctor in cases of dent or sudden illness, or to 'phone for an ambulance, he has to 'phone for special drugs or appliances ently required, or to consult medical practitioners on nts arising in the dispensing of prescriptions. For se reasons he suggested some action should be taken ecure an abatement.

he view of the Executive was that any action on the suggested would be unlikely to meet with acceptance, it was agreed to recommend that pharmacists should p at hand the table of call-fees, so that persons on se behalf any such service was rendered might themes pay the cost.

Dangerous Drugs Act Draft Regulations.

he Executive went into committee to consider a report he Special Committee on the Draft Regulations, when whole matter and the present position was fully dised. On resuming, it was agreed to report to the Council that the Executive adhered to the case submitted to the Home Office Departmental Committee, and attached great importance to the objection that the Draft Regulations are *ultra vires* in respect that the Secretary of State is not empowered by the Dangerous Drugs Act to prohibit entirely the carrying-on of the business of retailing, dispensing, or compounding any drugs included under the Act in the case of sales by duly authorised pharmacists as distinguished from deliveries consequent on medical prescriptions; also that the Executive notice with satisfaction that the Council of the Pharmaceutical Society of Ireland attaches primary importance to this latter objection. Further, that the Executive desire to emphasise the need for insisting that the Draft Regulations announced in the "London Gazette" of January 7 should be definitely withdrawn as the only fair way of dealing with the critical situation that has arisen. Any satisfactory new Draft Regulations must differ so materially from the original draft as to be really new Draft Regulations. The Executive held that the Rules Publication Act, 1893, does not contemplate that Regulations, of which statutory notice has been given, can be so materially altered as these Regulations must necessarily be without again going through the procedure of the usual forty days' notice under Section 1 (2) of the Rules Publication Act, 1893. Unless this procedure is followed, there will be no possibility of any Parliamentary action by parties interested to prevent the imposition, without further notice and at any moment, of Regulations which are so impracticable and superfluous, as well as clearly *ultra vires*. No discussion in Parliament during the twenty-one days the Regulations are required to lie on the table is the least likely to eventuate in their being annulled by the King, and they could not be amended. Moreover, once they have lain before Parliament for the statutory period, they would become statute law and could not be challenged as *ultra vires*, even although not strictly consistent with the terms of the Dangerous Drugs Act, 1920.

Proprietary Medicines Bill.

It was reported that the Proprietary Medicines Bill had for the time being been suspended. The Bill is one requiring very close watching lest extremely unsatisfactory proposals interfering with the practice of pharmacy should be included. It was remitted to the General Purposes Committee to watch the procedure and take what action might be necessary.

Public Dispensing.

It was reported that the Scottish Board of Health had intimated to Insurance Committees that in future medicines must be supplied for tuberculous insured persons by the Public Health Authority, being the town council or county council. This involved a readjustment of dispensing by panel chemists for cases of domiciliary treatment of tuberculous persons which had hitherto been carried on as part of the sanatorium benefit administered by Insurance Committees. The matter was being taken up by the Pharmaceutical Standing Committee (Scotland), and negotiations were proceeding with the Scottish Board of Health with a view to securing a uniform national scheme on the lines of National Health Insurance dispensing. The Scottish Board of Health had decided to issue a recommendation to all Public Health Authorities in Scotland on these lines. Meantime, pharmacists had been recommended to avoid entering into any local or sectional agreements till the matter had been considered for the whole country, so as to maintain the principle of collective bargaining and a national scheme.

Matters involving delay in payment and practical difficulties under the scheme for dispensing medicines for Ministry of Pension Clinics had involved considerable labour. Much of this might be avoided by care on the part of certain panel chemists who had sent in prescriptions not bearing the chemist's stamp, so that the sender could not be identified. In other cases, both prescription-forms had been sent in, sometimes together, sometimes in separate months. Apparently, also, the financing of the different clinics is carried out separately, thus explaining partial payments received by chemists which they had been unable to understand.

Chemical Traders' Amalgamation.

A WELL-ATTENDED meeting was held at the Cannon Street Hotel, London, E.C., on April 28, to consider proposals for the amalgamation of the British Chemical Trade Association and the Chemical and Dyestuff Traders' Association. Negotiations have been going on for some months, and it is also a subject which has been discussed for an even longer period. It should be said that the decisions arrived at have yet to be confirmed or otherwise by the members of the individual Associations. Mr. Tredwin, chairman of the Merchants' Committee of the London Chamber of Commerce, presided in the capacity of neutral chairman. Mr. Hughes, chairman of the British Chemical Trade Association, explained the position, and said that as the result of several meetings of a sub-committee containing representatives of both Associations a number of points had been agreed upon and a certain number of resolutions had been drafted for presentation to the meeting, leaving some others for discussion. He therefore moved the following resolution :

That this joint meeting of members of the British Chemical Trade Association and of the Chemical and Dyestuff Traders' Association is of opinion that the merchant interest would be served most effectually by one representative Association, and that arrangements be made forthwith to bring about a unified Association.

Continuing, Mr. Hughes explained that there were differences of opinion among the members of the sub-committee on several points which it was thought could most effectually be dealt with at an open meeting of the individual members.

Mr. F. T. T. Reynolds (chairman of the Chemical and Dyestuff Traders' Association), who seconded the resolution, dealing with the history of the formation of the two Associations, said that the desire among merchants to act collectively in this manner arose from the trend of legislation, especially during the war, because the interests of the merchants had been seriously jeopardised by that trend. There were, however, some differences between the two bodies. It very soon became apparent, however, that there would be difficulties in having two organisations with practically similar objects, and in the Press and elsewhere it had been urged that the two bodies should amalgamate. In fact, the Board of Trade had approached them with that object in view. Eventually such a proposal was discussed, and it was not difficult to agree upon the principle. Difficulty, however, had arisen in dealing with points of detail. That was to be deprecated because there was little doubt that the best interests of merchants and traders could only be served by unity. He hoped, therefore, that it would be possible to overcome the difficulties on matters of detail in the subsequent discussion. No further comments were offered on this resolution, which was then put to the meeting and carried unanimously. The two following resolutions were then formally proposed and seconded and carried without comment :

That the name of the combined Association be the British Chemical and Dyestuff Traders' Association.

That all present members of each Association may become members of the combined Association provided that each member be either resident in the United Kingdom or be a joint stock company registered in the United Kingdom.

A little difficulty arose over the next resolution, having regard to the fact that there are some merchants in this country who are of American origin. The resolution was to the effect

That subsequently no new members be elected who are not of British nationality.

It was suggested by one speaker (a member of the British Chemical Trade Association) that American interests here are rather large, and that the resolution as it stood was too drastic. Eventually it was decided to give discretion to the Executive Council to deal with the matter, and the resolution was passed in the following form :

That subsequently no new members be elected who a not of British nationality, except by the unanimous vo of the Executive Council.

The next resolution put to the meeting was :

That firms, not necessarily individuals, shall be th members.

The exact meaning of this was not quite clear to som of those present, it being suggested that a firm could n have a nationality, but it appears there is a rule of th Board of Trade which defines a firm of British nationalit and it was agreed to accept this. The resolution, a stated above, was therefore agreed to, it meaning tha both firms and individuals may be elected members. Th question of subscription was next dealt with and was th subject of some discussion. The resolution concernin this was as follows :

That the minimum annual subscription shall be 5*l.* 5*s* and that members paying on a higher scale up to a max mum of twenty guineas shall have one vote for each 5*l.* 5 subscribed.

The chairman suggested that the idea of firms bein able to buy votes in this way was contrary to the dem cratic spirit of the age. Mr. Reynolds explained that th form of wording of the resolution was due to the fac that the subscription to his Association was twenty guinea whereas the subscription to the British Chemical Trad Association was five guineas. In fixing the higher sub scription in the case of his own organisation, it was fel that so low a subscription as five guineas could not brin in sufficient funds effectively to finance such a body if th work was to be done on the lines which it was though necessary. He admitted that it was remarkable how th British Chemical Trade Association had been able to d the work it had on so small a subscription, and it was wit a view to retaining the members of the Chemical an Dyestuff Traders' Association who had paid twent guineas that the provision had been inserted in the reso lution that members could pay up to twenty guineas an have a vote for every five guineas. That was a princip which had been adopted in other organisations, and he sa no reason why it should not be adopted here. After fur ther discussion, in which strong objection was taken t the principle of firms being allowed to buy votes, th following resolution was carried by a majority of 2 :

That the annual subscription shall be 10*l.* 10*s.*

So far the meeting had been dealing with matters upo which agreement had been come to by the sub-committe of the two Associations. The points upon which agree ment had not been arrived at were : (1) Executive Council (2) honorary officers ; (3) salaried officers ; and (4) offices

After further discussion it was agreed that an Execu tive Council should be formed, consisting of six member of either Association, this Council to hold office until th first annual general meeting of the amalgamated Associa tion. During this discussion it was mentioned that th membership of the British Chemical Trade Associatio was larger than that of the Chemical and Dyestuf Traders' Association, and that equal members from eithe side on the Executive Council was an eminently reason able proposition. The British Chemical Trade Associa tion, it was added, was seeking amalgamation and no absorption. As the sub-committee had not been able t agree upon the other matters mentioned—viz., honorar officers, salaried officers, and offices—it was thought i would be best for a neutral chairman of the Executiv Council to be appointed while these points were dis cussed, and Mr. Tredwin agreed to occupy that position he having a casting vote. As already mentioned, th arrangements come to at the meeting are subject to th approval of the members of the two Associations. A cordial vote of thanks was passed to Mr. Tredwin fo presiding.

THE management committee of the Middle Classe Union has passed a resolution "protesting against th action of the Government in retaining the services o Dr. Addison, late Minister of Health, at a salary o 5,000*l.* a year, without portfolio, as being an unnecessar and unwarranted addition to the already heavy taxatio of the people."

Trade Report.

The prices given in this section are those obtained by importers or manufacturers for bulk quantities or original packages. To these prices various charges have to be added, whereby values are in many instances greatly augmented before wholesale dealers receive the goods into stock, after which much expense may be incurred in garbling and the like. Qualities of chemicals, drugs, oils, and many other commodities vary greatly, and higher prices than those here quoted are charged for selected qualities of natural products even in bulk quantities.

42 Cannon Street, E.C. 4, May 5.

'HE continuance of the deadlock in the coal trade leaves ny possibility of a revival in business out of the ques- ion for the moment, but an early settlement of the dis- ute would considerably relieve the depression, as pre- ious to the strike there were genuine signs of an improve- ient. The reparations difficulty is also another im- ortant factor which leaves the future course of business ncertain. It is welcome to record a further improve- ent in the pound sterling in New York. The French ranc has further appreciated in value, likewise the alian lire, all of which factors should tend to an inter- ational expansion of trade. The French manufacture fine chemicals—an increasing industry—should benefit om this, and some look for an early appreciation in dium salicylate and amidopyrin, but it is not likely affect chemicals subject to keen competition, like pirin. At the time of writing it is doubtful whether e drug-auction due next Thursday will be held. Among ude drugs, opium has had a sharp rise in primary arkets, owing to a big appreciation in the value of the astre. Cod-liver oil continues easy, with more inquiry: e future course of prices depends on the success of the nmarken fishing, which is favourable. Castor oil is arer. Shellac is again much higher, speculation, based small stocks and small Calcutta exports, having driven prices another 80*s*. to 90*s*. per cwt. Turpentine is also out 25*s*. per cwt. higher. Russian anise is lower, canary ed is dearer, cumin firmer, and East Indian dill scarce. nega is inclined to be firmer. Lobelia herb is easier. lsams are weak; ergot and hydrastis are steady; insect wers are scarce. All Italian produce is inclined to preciate in value at primary sources.

Higher	Firmer	Easier	Lower
ary seed	Amidopyrin	Amyl salicylate	Almonds
tor oil	Benzoic acid	Betanaphthol	Anise (Russ.)
onut oil	Bergamot oil	Camphor oil (Ch.)	Anise, star, oil
llac	Calcium lactate	Cassia lignea	Apomorphine
pentine	Citric acid	Cinnam. leaf oil	Artificial musks
	Creosote carb.	Citronella oil	Benzonaphthol
	Cumin seed	Coriander oil	Chrysarobin
	Lime acetate	Cream of tartar	Cinnamic aldehyde
	Mint oil (Jp.)	Formaldehyde	Citrates
	Orange oil (c.i.f.)	Geranium oil	Clove oil
	Oxalic acid	Gingergrass oil	Codeine
	Phenolphthalein	Guaiacol carb.	Eserine salts
		Leptandrin	Fenugreek seed (inferior)
		Lime oil (dist.)	Morphine salts
		Lobelia herb	Phenyl ethyl alcohol
		Methyl salicylate	Potashes
		Peppermint oil	Strychnine and salts
		Phenacetin	Terebene
		Pyrogallic acid	
		Rosemary oil	
		Sodium nitrate	
		Sodium sulphide	
		Vanillin	
		Wormseed oil	

Cablegrams.

New York, May 4.—Business is quiet. Short buchu ves are lower at $1.15 per lb. Belladonna leaves are cheaper at 20c. per lb. Mercury has advanced to .00 per flask—a rise of $2.00.

Bergen, May 3.—The total catch of cod since the open- of the season now amounts to 33,700,000, against 50,000 at the same period of last year, and the yield steam-refined medicinal cod-liver oil is 51,808 hecto- s, against 46,615 hectolitres at the corresponding date 1920. Finest new Lofoten oil is quoted at 90*s*. per el c.i.f. London.

London Markets.

Agar-agar is steadier, with sales of No. 1 Kobe strip at 1*s*. 11*d*. and slightly off colour at 1*s*. 9*d*. per lb.

The exports from Japan during January of the past three years were as follows:

	1919	1920	1921
Kin	89,981	51,499	34,167
Yen	97,509	75,825	48,903

Antimony seems somewhat firmer, with Continental inquiries even for English regulus, which stands as before at 40*l*. to 42*l*. per ton for small lots. Foreign refined is also wanted for Northern European ports, and is worth about 25*l*. 10*s*. ex warehouse. Offers from the Far East are but few at the moment. Chinese crude is nominally called 18*l*. 10*s*. to 19*l*. per ton c.i.f., the spot value being also nominal at 18*l*. 10*s*.

Asafetida.—A fair-sized quantity has just arrived, partly of exceedingly good quality.

Balsams.—*Tolu* is still very weak with no signs of recovery at the moment, offering at from 1*s*. 10*d*. to 2*s*. per lb. on the spot. *Peru* can be had at from 7*s*. 9*d*. to 8*s*. for genuine B.P. Good filtered Maranham *Copaiba* is offered at 2*s*. 6*d*. spot.

Bismuth.—Metal is well under control, with the price at 7*s*. 6*d*. per lb.

Cadmium is dull but steady at 6*s*. to 6*s*. 3*d*. per lb.

Camphor (Crude).—Chinese has sellers at 2*s*. 6*d*. to 2*s*. 9*d*. per lb. on the spot as to quality, and for April-June shipment 2*s*. 3*d*. c.i.f. is quoted.

Camphor (Refined) is quiet, with Japanese 2½-lb. slabs offering at 3*s*. 6*d*. on the spot, and for May-June shipment 3*s*. 1*d*. c.i.f. is quoted.

Castor Oil, English make, is dearer at 59*l*. per ton for pharmaceutical, 54*l*. for first pressing, and 49*l*. for seconds, barrels included, ex mills Hull. Finest Italian medicinal in tins in cases is offered at 95*s*. per cwt. on the spot.

Cod-liver Oil.—Writing on April 26, our Bergen correspondent states that the final Lofoten results are as follows:

	Catch of cod (millions)	Steam-refined cod-liver oil (hectol.)
1921	18·6	29,274
1920	12·1	18,371

The Finmarken fishing has commenced favourably. The total output of all Norwegian fisheries in comparison with previous years is as follows:

	Catch of cod (millions)	Steam-refined cod-liver oil (hectol.)	Livers for crude oil (hectol.)
To April 23, 1921 ...	32,200	50,283	9,884
" " 24, 1920 ...	30,200	45,263	4,558
" " 26, 1919 ...	17,200	22,751	2,118
" " 27, 1918 ...	17,900	15,721	2,672
" " 28, 1917 ...	21,600	31,754	3,229
" " 22, 1916 ...	41,100	49,666	4,414

As the demand from abroad is almost non-existent the market is very quiet. The producers of oil are unwilling to sell at under 90*s*. per barrel c.i.f. London, and try to maintain this price in consideration of the high cost of production. However, it appears that lower prices will be accepted, especially if the fishing at Finmarken continues favourable. The future of the market chiefly depends on the result of this fishing. In London agents quote 85*s*. c.i.f. U.K. port for finest 1921 non-freezing Lofoten oil, and rather more interest is being shown by consumers.

Egg Products remain firm, with sales of prime Chinese liquid yolk 125*s*. per cwt.; for May-July shipment there are buyers at 82*s*. 6*d*. per cwt. c.i.f. Dried yolk is 4*d*. and sprayed whole egg 1*s*.; Native dried whole is 6*d*.—all spot. Prime hen albumen is 2*s*. 7*d*. per lb. on the spot and 2*s*. 7½*d*. per lb. c.i.f. for April-June shipment.

Ergot is steady at 5*s*. per lb. on the spot for Spanish or Portuguese, but under present trading conditions slightly less would be accepted. To arrive 4*s*. 4*d*. to 4*s*. 6*d*. c.i.f. is quoted, and slightly less for ton lots.

Farina is quiet, with the higher price of 22*s*. quoted for Japanese No. 1 on the spot, and for May-June

shipment 19*s*. c.i.f. is quoted. Dutch on the spot is 20*s*. and May-June shipment is 18*s*. 6*d*. c.i.f.

Hydrastis.—Spot value remains at about 30*s*. per lb. net.

Insect Flowers continue scarce on the spot, with a limited quantity of good closed Dalmatian offering at from 310*s*. to 320*s*. per cwt. *Insect powder* varies from 1*s*. 3*d*. to 1*s*. 10*d*. per lb. as to quality.

Ipecacuanha.—Small sales of Matto Grosso have been made at 9*s*. 6*d*. per lb.; Minas is quoted at 8*s*. 6*d*.

Lanoline.—Prices for several months past have tended downwards. B.P. anhydrous can be had at from 1*s*. to 1*s*. 3*d*. per lb. in barrels and bags respectively.

Linseed Oil.—The recovery in prices was early this week carried further, although there is no great trade demand. The market for seed has been rather active and very firm, with a fair amount of speculative support noted in forward positions. London closes at 26*l*. per ton naked, and Hull at 26*l*. naked.

Liquorice Juice.—There seems to be a fair amount of interest shown, with prices extending over a considerable range. Spot holders quote from 125*s*. to 150*s*. per cwt. for block. Sticks are obtainable at from 185*s*. to 220*s*. per cwt.

Liquorice Root.—Italian decorticated is offered at 90*s*. per cwt. c.i.f., the spot value being about 85*s*.

Lobelia is easier on spot, loose herb offering at 3*s*. 9*d*. per lb.

Magnesium.—There is very little Continental metal offering, while German sellers recently withdrew. Home producers have thus been induced to ask higher terms at around 6*s*. per lb. Continental held in stock, however, is obtainable at very considerably below this figure.

Male Fern Extract, testing 24 to 25 per cent. filicin, is quoted at 11*s*. per lb. on the spot.

Menthol is quiet, with spot sellers of Kobayashi-Suzuki at 24*s*. to 24*s*. 6*d*. per lb.

Mercury.—The demand is anything but active, buyers being suspicious of further reductions in the price of Spanish. The position is, however, rather obscure. There are ample stocks to draw from in the United States, and the market there is reported to be dull, while some cheap resales are being made. American dealers, however, in some cases take a more hopeful view of market possibilities, chiefly because of the severely reduced domestic output. Contradictory reports have appeared in the Continental newspapers in regard to the proposals discussed some time ago with a view to bring about the regulation of European production and centralise as far as possible the handling of supplies. It also stated that although the Idria mine will be exploited under State supervision, the marketing of the product will be proceeded with in the ordinary commercial way. The nearest current quotation in London is 11*l*. 5*s*. to 11*l*. 10*s*. per bottle. At the close our New York cable announces an advance to $47.00. The trade there is awaiting tariff protection, without which, it is said, American mines will not be able to resume.

Opium.—The London spot price for Turkey druggists' quality is unaltered at from 12*s*. to 14*s*. per lb., according to test, and Persian is nominal at 40*s*. per lb. There has, however, been a sharp advance in the Constantinople and Smyrna markets, due solely to a substantial appreciation in the value of the piastre, which now stands at Ps. 530 (May 4), whereas in March it took Ps. 580 to buy a pound sterling. Smyrna now quotes 12 per cent. druggists' at 12*s*. 3*d*., and Constantinople (same test) at 12*s*. per lb. c.i.f.—an advance of, say, 2*s*. 6*d*. per lb., as previous to the rise in the rate of exchange business had been done at less.

Smyrna, April 9.—Since our last report of March 28 the sales on our market amount to 45 cases, at 8*s*. 10*d*., 9*s*. 6*d*., and 10*s*. per lb. c.i.f., as to quality and morphia strength. The exchange has been oscillating by ½ to 1½ per cent., and to-day it is 578 piastres per pound sterling for cheque, and $0.66 for one Turkish pound of piastres 100. In Constantinople the price is about 1*s*. per lb. higher than is paid at the present moment on this market, and the reason is the monetary crisis, which is more acute in Smyrna than in the capital. The arrivals are 1,301 cases, against 1,520 at same date last year, and our stock in first- and second-hands is now 1,219 cases. The average net weight of each case is calculated at 160 lb.

Senega.—Demand continues very quiet, but 3*s*. 6*d*. to 3*s*. 9*d*. now seem to be the bottom prices on the spot, as recent cheap sellers are less inclined to cut.

Shellac has again shown a rapid advance, due to speculation based on small spot stocks and small Calcutta shipments. Prices on the week have advanced about 80*s*. per cwt. for usual standard TN quality, which has been sold at from 310*s*. to 390*s*. per cwt.; fine lemon has sold at from 400*s*. to 450*s*., fine second Orange at 370*s*. to 400*s*., pure button RL1 320*s*. to 400*s*., and AC cakey 280*s*. to 300*s*. per cwt. To arrive TN for May-June shipment has been sold at 270*s*. c.i.f. The sales for delivery include May at from 305*s*. to 360*s*., and August 265*s*. to 312*s*. 6*d*.

Taraxacum is offered at about 60*s*. per cwt. c.i.f. to come forward from Continent, and English sellers quote about 90*s*.

Terebene.—Pure has been slightly reduced, offering at 2*s*. per lb.

Turpentine.—Rapidly falling stocks in London to well under 20,000 barrels of American, and the maintenance of a fairly lively speculative demand, have chiefly contributed to the further swift advance which has been recorded this week. There is no reliable news as to the state of the American market, where the available supplies are no doubt more firmly held. Recent developments have taken the market rather by surprise, and while it is quite possible that the rise will be carried further, it is impossible at the moment to say much as to trade prospects. Spot and May-June delivery closes at 90*s*. per cwt., an advance of 28*s*. 6*d*. per cwt. on the week.

Seeds and Spices.

Almonds are lower, particularly Bari, and various other descriptions of confectionery almonds have followed to a less extent. Valencia are steady, and stocks of Jordan are now practically cleared.

Anise.—Russian is lower at 75*s*. per cwt., but Spanish is firm at 75*s*. to 78*s*.

Canary Seed is considerably dearer at 77*s*. 6*d*. per quarter for ordinary Morocco and 100*s*. for good.

Caraway Seed is unchanged at 28*s*. to 30*s*. 6*d*. per cwt. for ordinary to fine Dutch and at 23*s*. for North African.

Cassia Lignea is easier, whole selected offering at 28*s*. and broken at 22*s*. 6*d*.

Cloves.—Zanzibar continue quiet, with sellers at from 9*d*. to 9½*d*. per lb., as to quality, and for April-May shipment 8½*d*. c.i.f. is quoted.

Coriander Seed continues dull of sale, and quotations are unchanged.

Cumin Seed has a firmer tendency, but demand is small; quotations are therefore unchanged at 20*s*. to 25*s*. per cwt. for common to good Morocco.

Dill Seed is scarce; the price quoted is 24*s*. 6*d*. per cwt.

Fennel Seed is unchanged at 35*s*. per cwt.

Fenugreek Seed.—A parcel of inferior quality has been sold at 9*s*. per cwt., being lower.

Ginger.—Very little sound Jamaica is offered beyond a few small parcels in second-hands, for which the value appears to be about 150*s*. per cwt. It is reported that the United States, besides buying up the London stock, has also taken the sound in Jamaica, and it is said that the only shipments likely to come to London are wormy parcels. Sales of Japanese have been made at 37*s*. 6*d*.

Mace continues quiet, with prices remaining unduly low.

Nutmegs remain steady, with sales of a few West Indian parcels at about previous values.

Pepper.—Fair *black* Singapore continues slow, the spot value being unchanged at 3¾*d*. per lb., and sellers of May-July and June-August shipments quote 3⅝*d*. c.i.f. Lampong and Tellicherry are 4½*d*. spot and Alleppy 4*d*. per lb. Market is overweighted with black, stocks being 4,200 tons, and until business becomes more normal on the Continent this condition will doubtless last. *White* Muntok is steady, up to 8¼*d*. per lb. having been paid on the spot, and 7⅞*d*. c.i.f. for May-July and June-August

shipments. Singapore on the spot is 7¾*d.* and the value of June-August shipment 7½*d.* c.i.f.

PIMENTO is quiet, with spot sellers at 2⅝*d.* per lb., and for May-June shipment, 23*s.* c.i.f. has been paid.

Essential Oils.

AN improvement in demand seems to have been fairly general this week. Sicilian bergamot and orange are firmer, and Japanese mint oil is dearer. A fair number of articles have declined slightly, including Chinese camphor oil, cinnamon leaf, citronella, coriander, geranium oils, gingergrass, distilled lime, American peppermint, Spanish rosemary, and wormseed oils. Star anise and clove oils are cheaper. Aromatic and synthetic articles are also in better demand, and amyl salicylate, cinnamic aldehyde, artificial musks, and phenyl ethyl alcohol are on the easy side.

ANISE (STAR) is lower on the spot at 2*s.* per lb. One or two forced sales are reported at less during the week. To come forward is also lower at 2*s.* c.i.f.

BAY is quoted unchanged at from 15*s.* to 17*s.* 6*d.* per lb. for West Indian.

BERGAMOT is again slightly firmer on the week, spot quotations being made at from 22*s.* 6*d.* to 24*s.* and even higher for 37 to 39 per cent. l.a. To come forward, from 22*s.* to 26*s.* c.i.f. are the current figures. On the spot 35 to 37 l.a. is obtainable at 17*s.* 6*d.* per lb.

BOIS DE ROSE (FEMELLE).—Sellers idea of value is around 15*s.* per lb., but there seems an entire lack of interest.

CAMPHOR.—Japanese white essential has been inquired for at 140*s.* per cwt. spot. Chinese can be obtained at 130*s.*, which is easier.

CASSIA, on the spot, is dull at 4*s.* per lb. for 80 to 85 per cent. c.a.; to come forward the price is unchanged—about 3*s.* 4*d.* c.i.f.

CINNAMON.—Ceylon leaf is easier on the spot, with sellers at from 5*d.* to 5¼*d.* per oz. Seychelles is slow of sale, with quotations made about 5*s.* per lb.

CITRONELLA.—Ceylon is cheaper on the spot at 1*s.* 1½*d.* to 1*s.* 2½*d.* per lb., and lower offers have been refused in some directions. Business has been done in Java oil at 2*s.* 6*d.*, which, up to 2*s.* 9*d.*, represents the spot quotations according to quantity.

CLOVE.—English distillers' quotations are lower at from 5*s.* 6*d.* to 6*s.* per lb., according to quantity.

CORIANDER is quoted cheaper on the spot at about 45*s.* per lb. for good foreign distilled.

GERANIUM.—Bourbon is weak at from 18*s.* to 20*s.* per lb. on the spot. To come forward is quoted lower at 15*s.* c.i.f. Algerian has been shaded in some directions, but sellers' ideas of value are round about 30*s.* per lb.

GINGERGRASS is reported sold at 13*s.* 6*d.* per lb. for pots, which is about the spot quotation.

LEMON on the spot is maintained at 3*s.* to 3*s.* 3*d.* per lb. To arrive is quoted firmer in some directions, but 3*s.* 1*d.* to 3*s.* 3*d.* are general figures, and for a line 3*s.* c.i.f. could be done.

LIME.—Hand-pressed is firm at about 22*s.* 6*d.* per lb. Some inquiry for distilled, which is weaker on the spot at 3*s.* 1½*d.* to 3*s.* 3*d.* per lb., is reported.

LINALOE.—Mexican wood oil is quoted at 18*s.* per lb., with very little inquiry.

MINT.—Japanese dementholised Kobayashi-Suzuki is dearer on the spot with sellers at 4*s.* 3*d.* per lb. To come forward, the price has been advanced to 4*s.* 7½*d.* c.i.f.

ORANGE.—To come forward, the prices of Sicilian are tending firmer at from 12*s.* 6*d.* to 13*s.* c.i.f. On the spot these prices can still be shaded, down to 11*s.* being quoted.

PATCHOULI is nominal at 65*s.* per lb. Less would probably be accepted in some directions.

PEPPERMINT.—American tin oil is unchanged at from 17*s.* 6*d.* to 18*s.* per lb. Small spot stocks and more inquiry are reported. To come forward 16*s.* c.i.f. is quoted. Mitcham double rectified is cheaper on the spot at 75*s.* to 90*s.* per lb., according to holder.

ROSEMARY.—Spanish is quoted easier at from 2*s.* 4*d.* to 2*s.* 6*d.* per lb.

WORMSEED is quoted easier at from 20*s.* to 22*s.* per lb. on the spot.

Aromatic and Synthetic Chemicals.

AMYL SALICYLATE is a shade easier at 6*s.* to 6*s.* 6*d.* per lb. AUBEPINE, water-white, is obtainable on the spot at from 18*s.* to 20*s.* per lb. Straw-coloured is quoted at from 14*s.* to 15*s.* BROMSTYROL is quiet at from 13*s.* 6*d.* to 14*s.* per lb. CINNAMIC ALDEHYDE is cheaper on the spot at 9*s.* per lb. To come forward the price is also lower at 7*s.* c.i.f. COUMARIN has been in request at 10*s.* 6*d.* per lb., but most holders are not quoting less than 11*s.* to 12*s.* EUGENOL is quiet about 10*s.* 6*d.* per lb. HELIOTROPINE is unchanged at 11*s.* to 12*s.* per lb. METHYL ANTHRANILATE is unchanged at 15*s.* per lb. MUSK XYLOL is lower at 17*s.* 6*d.* to 20*s.* per lb., and MUSK AMBRETTE is quoted at 150*s.*, although this has been shaded to 130*s.* on the spot. Good-quality French PHENYL ETHYL ALCOHOL is obtainable at 25*s.* per lb. spot. SAFROL is unchanged at 3*s.* 3*d.* to 3*s.* per lb. in 400-lb. drums on spot. TERPINEOL is unchanged on the spot at 1*s.* 9*d.* to 2*s.* per lb.

Pharmaceutical Chemicals.

THE market has experienced no change of any importance during the week. A little business has been done on a very limited scale only. Values seem to average up, on the whole, at about last week's level. There have been no decided advances in prices, but a few have shown a steadier tendency, among them being calcium lactate, amidopyrin, creosote carbonate, citric acid, and phenolphthalein. Among those offering at reduced prices are betanaphthol, guaiacol carbonate, methyl salicylate, phenacetin, benzonapthol, apomorphine, citrates, codeine, morphine, and strychnine salts.

ACETANILIDE.—Although quiet, holders are maintaining their prices at 1*s.* 9*d.* to 1*s.* 10*d.* per lb.

ALOIN is steadily quoted at 5*s.* 6*d.* to 5*s.* 9*d.* per lb. net.

AMIDOPYRIN, after last week's slight decline, is now much steadier at 22*s.* 6*d.* to 23*s.* per lb. on the spot. The improvement in the French exchange should bring about higher prices.

APOMORPHINE.—Makers' list price of hydrochlor. cryst. has been reduced to 42*s.* per oz.

ASPIRIN is on the firm side, and being quoted steadily at 3*s.* 6*d.* to 3*s.* 9*d.* per lb. for finest qualities.

ATROPINE SULPHATE is quiet, with values unchanged at 23*s.* to 24*s.* per oz.

BARBITONE continues rather quiet, but values are quite firm at 15*s.* to 15*s.* 6*d.* per lb.

BENZOIC ACID is showing up a little firmer at 2*s.* 3*d.* per lb.

BENZONAPHTHOL is now offering at the reduced figure of 8*s.* to 9*s.* per lb.; market is not active.

BETANAPHTHOL.—Resublimed is showing up a little easier at about 4*s.* per lb.

BROMIDES are quoted about the same as last week, but there is not much demand. Potassium crystals vary from 10½*d.* to as high as 1*s.*; ammonium from 1*s.* 3*d.* to 1*s.* 4*d.*; sodium is fairly steady at 1*s.* 1*d.* per lb.

CAFFEINE.—The pure alkaloid can be had from dealers at 21*s.* per lb.

CALCIUM LACTATE is a little firmer after the recent fall at 2*s.* 6*d.* to 2*s.* 9*d.* per lb.

CHLORAL HYDRATE has recovered from last week's weakness, and is now quoted at 5*s.* per lb. for duty-paid crystals in cases.

CHRYSAROBIN.—Makers' list price has been reduced to 9*s.* per lb.

CITRATES.—Makers' current prices, which are lower than when last quoted, are: Ferri ammon. cit., 3*s.* 5*d.* per lb.; ferri quin. cit., 1*s.* 1¼*d.* per oz.; potassium citrate, 3*s.* 8*d.* per lb.; and sodium citrate, 2*s.* 1*d.*, with the usual reduction for quantities.

CITRIC ACID is quiet, although firmer, at from 2*s.* 5*d.* to 2*s.* 6*d.* per lb., less 5 per cent. The rise is partly due to the Italian rate of exchange, while the Italian makers' prices remain several pence above the London rates.

CODEINE.—English makers' prices have been reduced 1*s.* to 2*s.* per oz. as follows: Codeine crystals, 18*s.*; præcip.,

18s.; hydrochloride, 15s.; phosphate, 14s.; and sulphate, 15s. per oz. net.

Cream of Tartar has been in fair demand, but the tone is slightly easier this week at from 132s. 6d. to 135s. per cwt. for B.P. foreign powder.

Creosote is still quoted at 4s. 9d. per lb. for U.S.P., with the market continuing quiet.

Creosote Carbonate is much steadier this week, with values unchanged at 15s. 6d. to 16s. per lb.

Eserine Salts are 6d. to 9d. per gram cheaper, makers offering crystals at 4s. 3d., salicylate 2s. 9d., and sulphate at 2s. 9d. per gram net.

Gallic Acid.—Pure is offered at from 4s. 6d. to 5s. per lb. as to quantity.

Guaiacol Carbonate is inclined to ease off a little, now being quoted at 14s. 6d. to 15s. per lb. These prices are considerably below those asked by the Swiss makers, so that an eventual improvement is looked for.

Hexamine is being well maintained, with values at 5s. 6d. to 6s. per lb., and even 6s. 3d.

Homatropine Hydrobromide is offered at 47s. 6d. to 50s. per oz.

Hydroquinone is offered at from 5s. 6d. to 6s. per lb.

Leptandrin is offered by makers at the reduced rate of 12s. per lb.

Methyl Salicylate is slightly easier and being quoted at 2s. 8d. to 2s. 10d. per lb. on a quiet market.

Methyl Sulphonal continues to be very scarce, guaranteed B.P. quality being quoted at 25s. to 25s. 6d. per lb. U.S.P. is offered at 17s. to 17s. 6d.

Morphine Salts.—English makers' prices have undergone a reduction of from 9d. to 2s. per oz., current quotations being as follows: Hydrochloride, 13s.; crystals, 13s. 3d.; acetate, 13s.; bromide, 16s. 3d.; diacetyl, 24s.; diacetyl hydrochlor., 23s.; ethyl hydrochlor., 24s.; meconate, 16s. 3d.; sulphate, 13s.; sulphate crystals, 13s. 3d.; neutral tartrate, 16s. 3d. Morphine alkaloid cryst., 16s. 6d.; and præcip., 16s. 3d. per oz. net.

Paraformaldehyde continues quiet, with values maintained at 4s. per lb.

Paraldehyde is generally quoted at about 2s. 3d. per lb., with occasional offers at 2s.

Phenacetin appears to have eased off a little, and quotations now average 7s. 6d. to 8s. per lb. The market is on the quiet side.

Phenazone continues quiet, with values steady at 8s. 6d. to 9s. per lb.

Phenolphthalein is firmer this week, and no offers are being made below 5s. per lb.

Piperazine is still being offered, but neglected, at 4s. 6d. per oz.

Potassium Permanganate.—B.P. continues fairly steady at about 1s. 10d. to 2s. per lb., with a little business.

Potassium Sulphoguaiacolate continues steady at about 8s. 6d. to 9s. per lb. These prices are much below those of Swiss makers, so that higher prices are anticipated.

Pyrogallic Acid is easier, importers offering resublimed at 10s. to 11s. and crystals at from 8s. 6d. to 9s. per lb.

Quinine Salts.—Sulphate: Second-hands offers from 3s. 7½d. per oz.; hydrochloride is 3s. 9d. to 3s. 10d. per oz. There is more demand for the sulphate than for the hydroch., more especially from France.

Salicylates.—Salicylic acid, B.P., is steady and quiet at 1s. 5d. to 1s. 6d. per lb.; sodium salicylate continues to be offered at 2s. 6d. to 2s. 8d. per lb., but business is very limited.

Salol continues dull, with values unchanged at 3s. 3d. to 3s. 6d. per lb.

Sodium Benzoate is difficult to obtain under about 2s. 4d. to 2s. 6d.

Sodium Diethylbarbiturate is quite firm and steady at 24s. 6d. to 25s. 6d. per lb.

Strychnine—Makers have reduced the price of strychnine and salts by 10d. per oz., and now quote B.P. crystals in bulk at 9s. and powder at 8s. 11d. per oz. Salts are as follows: Acetate, 8s. 6d.; arseniate, 8s. 4d.; bisulphate, 7s. 10d.; cacodylate, 13s. 8d.; citrate, 8s. 5d.; hydroiodide, 9s. 5d.; hydrobromide, 8s. 7d.; hydrochlor. B.P., 8s. 3d.; hypophosph., 10s. 3d.; nitrate, 8s. 2d.; phosphate, 8s. 9d.; sulphate, 8s.; and valerianate, 10s. 8d. per oz. net.

Sulphonal is quoted from all quarters very steadily at 26s. per lb. on spot.

Tannic Acid.—*Leviss* remains unchanged at about 5s. per lb.

Tartaric Acid is steady and unaltered at 1s. 8d. to 1s. 9d. per lb., and as the summer season approaches higher prices are expected.

Thymol is quoted on spot at from 25s. to 26s. per lb.

Vanillin is in slight demand only, with second-hand sellers at 32s. per lb.

Heavy Chemicals.

May 4.

No improvement is recorded in the heavy chemical market this week. The closing down of factories, which is taking place all over the country owing to the coal deadlock, has naturally affected the demand, and the signs of a revival of trade, which were evident prior to the miners' strike, have for the time being disappeared. Values are generally fairly well maintained.

Acetic Aid continues very dull; stocks are offering, but the demand is poor; 80 per cent. technical is 44l. to 45l.; glacial is about 55l. per ton, which shows no change.

Alum is still being quoted at 18l. 10s. per ton for lump in casks, but no improvement in the market has taken place.

Arsenic.—There is practically nothing doing, and quotations for white Cornish powder range from 46l. to 48l. delivered London or Liverpool.

Bleaching Powder continues rather quiet, and values are still easy at 19l. to 19l. 10s. per ton for 35 to 37 per cent.

Copper Sulphate shows marked irregularity, and it is rather difficult to reconcile the comparatively cheap offers reported at as low as 31l. per ton f.o.b. for casks, with the terms quoted for a week or two past by large producers at 32l. to 33l., less 5 per cent. There is little inquiry for export.

Epsom Salt continues quite firm and stocks are short; commercial quality is 9l. 10s. to 10l. per ton, and 10l. 10s. for pharmaceutical; slight demand continues.

Formaldehyde is again a little easier, and is now obtainable at 105l. to 108l. per ton; only small stocks are held, but the demand is very poor indeed.

Lead Acetate is still lifeless; values are nominal at 50l. for brown broken and 56l. per ton for white crystals.

Lime Acetate has slightly advanced in price, and is now quoted at 15l. per ton for American 80 per cent. grey material; the demand is not good.

Lithopone continues fairly steady, with a little business only; 30 per cent. Continental red seal is about 30l. per ton, and green seal about 35l.

Oxalic Acid has recovered slightly and is now generally quoted at about 10d. to 10½d. per lb., with a little business on the market.

Potash Caustic is in small supply on spot with values at about 46l. per ton for 88 to 92 per cent. material, but the demand is not good.

Potassium Chlorate continues unchanged, with the market still quiet at about 6d. per lb. for crystals and powder.

Potassium Permanganate.—Commercial quality is slightly advanced by makers to 1s. 9d. per lb.; spot lots are also offering at about this figure, with limited sales only.

Saltcake.—Ground and unground is still lifeless; values are purely nominal at 6l. 10s. in bulk and 7l. 10s. in bags f.o.b.

Soda Ash (58 per cent. light alkali) is still offering from small stocks held at 9l. to 9l. 10s. per ton f.o.b.; the demand is only small; makers' price for home trade only is 8l. 10s. per ton in bags.

Soda Crystals.—English makers' price remains unchanged at 7l. per ton in bags, carriage paid to destination.

Sodium Caustic.—Makers' prices are 26l. 15s. per ton for 76 to 77 per cent. in large drums f.o.r., and 24l. 10s. per ton for 70 to 72 per cent., spot lots offering at about 21l. to 22l. per ton f.o.b. for 70 to 72 per cent. material; American 76 per cent. quoted at competitive figures c.i.f.

Continental ports and United Kingdom, but the market still remains unchanged and dull.

Sodium Hyposulphite continues fairly steady but quiet, with offers at about 27*s*. per cwt. for pea crystals in kegs on the spot; commercial quality in casks is about 21*l*. per ton.

Sodium Nitrate is now offered by makers at the slightly cheaper figure of 20*l*. 10*s*. per ton for 96 per cent. refined f.o.r. There is very little demand.

Sodium Prussiate continues to be quoted by makers at 7½*d*. per lb.; offers on spot from 7*d*. to 7½*d*. per lb.

Sodium Sulphide (60 to 62 per cent. solid) is again a little easier at the reduced figure of 25*l*. to 26*l*. per ton; makers' prices for 60 to 65 per cent. concentrated in casks is unchanged at 25*l*. per ton.

Sodium Sulphite.—Anhydrous is still lifeless, with values nominal at 28*l*. per ton.

Tin Crystals continue to be quoted by makers at 1*s*. 7*d*. per lb.; market is dull.

Coal-tar Products.—This market continues extremely quiet, business generally being very unsatisfactory. The general reduction in prices made by holders last week has not improved the amount of business being done.

Control of Opium.

The Consultative Committee of the League of Nations, charged with the control of the traffic in opium and other deleterious drugs, held its first sitting in Geneva on May 3, and will meet daily until the end of the week. India is represented by Mr. J. Campbell, and England by Sir Ian Malcolm. Sir John Jordan, former British Minister to Pekin, was also present. No mention is made of the Japanese Minister. There seems reason to doubt the *bona-fides* of Japan in the suppression of opium, as we understand on good authority that the opium buyer for the Japanese Government is desirous of making considerable purchases of opium in the primary markets, and that he contemplates visiting Turkey with that object in view. We also understand that since the conclusion of the war all purchases of opium in Turkey for the Japanese Government have been made through New York firms. Should Japan again place orders in Turkey a rise in prices is regarded as inevitable.

Chaos at the Customs.

Many bitter complaints are being made by importers and merchants as to the time wasted in passing entries at the Custom House since the German Reparation (Recovery) Act came into operation. The routine work in the Long Room at the Custom House seems to be hopelessly in arrear, and the ignorance on the part of the officials is appalling, an instance being recorded of an importer of melons from Spain being asked to enter into a bond before the goods could be released. We are informed that an importer of cod-liver oil direct from Norway had to sign a bond for several thousand pounds guaranteeing to pay the 50 per cent. tax should he be unable to prove to the satisfaction of the Customs officials that his claim for exemption was genuine, and similar bonds are being asked for practically all imports from the Continent. These "scraps of paper" have also to bear the signature of another party as surety, and in many instances the importer and his surety have been requested to attend in person at the Custom House to sign the bond. Principals of firms have had to take their stand in a long queue and waste several hours before they reach the official at which bonds are attested. They afterwards participate in a scramble at another counter, where probably Cuthbert and the flapper assistants are busy over the tea-cups. It would appear that the German Reparations Act, instead of getting money out of German pockets, has brought trade to a standstill on both sides. Moreover, instances have occurred where British importers have paid the German price in full, and then pay 100 per cent. duty on the invoice price to the Customs. A beggarly sum of 3,000*l*. is the total amount of receipts under the Act so far, this representing about 50*l*. per day since the measure came into operation.

Italian Drug and Chemical Markets.

Genoa, April 30.

During the month of April the foreign rate of exchange met with many oscillations. Up to April 15 the lira gained continually in value; afterwards it lost and then gained ground, reaching at the end of the month almost the same value as towards the middle of the month. The value of the English pound fell in this way from lire 95.82 to lire 80.66, reaching later lire 84.83, and falling to lire 80.25 at the end of the month. The United States dollar was reduced from lire 24.30 to lire 20.35, rising and falling continually between lire 21.50 and lire 20.26. The French franc was reduced from lire 1.71 to lire 1.47, recovering little by little to lire 1.56 towards the end of the month. The German mark lost in value from lire 0.40 to lire 0.32, undergoing little change. Through the increase in the value of the Italian lire a certain improvement in prices of a few pharmaceutical and industrial products could not be stopped owing to the greater interest shown, whereas in the case of many Italian products a certain reduction of factory output was undertaken with the idea of sustaining the market. Towards the end of the month a severe decline followed also in imported goods, only some of the finer pharmaceutical products and chemicals in most demand and difficult to obtain resisting this reduction. Among these were pure carbolic acid, caustic soda, English carbonate of soda, lead acetate, oxalic acid, alum, carbonate of ammonia, etc. Salicylic acid, that had been absent from the Genoa market at the beginning of the month, made its appearance later from Germany, being offered at 26 marks c.i.f. Genoa. Also in the case of drugs some declined while others were increased. Some of the current prices prevailing at the end of April were as follows, the exchange being reckoned at lire 82.00 to the English pound sterling:

Pharmaceutical Products.

	Lire per 100 kilos.
Acetic acid, glac.	940 to 900
Acetone, pure	1,300
,, commercial	1,000
Alcohol, denatured, 90°	850
,, ,, 95°	1,950 to 2,000
Ammon. carb., lump	590
Ammonium chlor., lump (98-100)	910
Ammonium chlor., lump (95-96)	750
Antimony sulphide, lump	600
,, ,, powder	600
Boric acid, crystals	700
,, ,, large flakes	750
Camphor tablets	5,000
Carbolic acid, cryst., 39° to 40° C.	850
Carbolic acid, liq., 95 p. c.	325
Castor oil, medicinal	700
Ceresin, pure white	1,000
Cod-liver oil, medicinal	600
Glucose, 45° Bé.	350 to 370
Glycerin, refined	800 to 850
,, d.d. s.g.1·260	900
Honey, white	830
Hydrogen peroxide (10 vol.)	80
Magnes. carb., lump	800
Magnesium chloride	125 to 130
,, sulph.	70
Naphthalene flakes	245
Oxalic acid, xtals.	1,000 to 1,100
Pot. chlorate, powder	400
,, ,, santonin xtals.	450
Potash permang.	1,400
Quinine citrate	80,000
,, sulphate	55,000 to 60,000
Soda pruss., yellow	850
,, salicylate, xtals.	4,000
,, sulpb., anhyd., fused	90
Sulphur, refined	135
Vaseline, best white	1,100
Wax, veg., Jap.	1,000 to 950
,, carnauba	1,800

Heavy Chemicals.

	Lire per 100 kilos.
Ammonia sulphate	165 to 170
Bleaching powder	120 to 130
Borax, crystals	380 to 400
Caustic potash (70 to 75 p.c.)	500
Citric acid	2,550
Cream of tartar	1,600 to 1,625
Formic acid (80 to 85 p.c.)	400
Hydrochloric acid, 20° to 21° Bé.	48
Lead carbonate	525
Nitric acid, 36° Bé.	200 to 205
Potash bichromate	1,300 to 1,350
,, pruss., yellow	1,300
Soda bicarbonate	115 to 120
,, bichromate	950
,, bisulphite, crystals, 32° Bé.	58 to 60
Soda carbonate (Amer., 98 to 100 p.c.)	70 to 80
Soda carbonate (Eng., 98 to 99 p.c.)	70 to 75
Soda carbonate (French, 98 to 100)	70 to 72
Soda carbonate (Ital.)	75
,, caustic (76 to 78 p.c.)	240
,, caustic (70 to 72 p.c.)	245
,, crystals	70
,, hyposulphite	175
,, silicate, 140° Tw.	170
,, sulphate, xtals	80
Sodium sulphide (60 to 65 p.c.)	280
Sulphuric acid, 66° Bé.	50
,, ,, 50° Bé.	25
Tartaric acid	1,650 to 1,700

Drugs, etc.

	Lire per 100 kilos.
Almonds, sweet Bari	940
,, bitter Sardinian	620 to 650
Anise, Bari	660
,, Span.	660
Armeline, Aleppo	390
,, Chin. Jap.	400
Cassia, Java	700 to 720
,, Martinique	750 to 800
Chamomiles	1,000
Cinnamon, Ceylon, firsts	1,400 to 1,500
Cloves, Madagascar	900
,, Zanzibar	1,000
Elder-tree twigs	1,000
Glue, strong	900
Gum, acacia	450
Linden-tree flowers	850
Liquorice blocks, pure	1,100
Manna, Geraci	1,800
Mannite, cones	6,000
Milk-sugar, crystals	1,500 to 1,550
Mustard, Bari	250 to 260
,, Sicily	200 to 220
Nutmeg	1,000
Pepper, Java	260 to 270
,, Singapore	275 to 280
,, black Tellicherry	320 to 325
,, Aleppo	290 to 300
,, white Muntok	760 to 770
Saffron, Aquila	450
,, Spanish	470
Senna, from Eritrea	800
,, leaves, Tinn.	620 to 650
Shellac	4,500
Tamarinds, Barb.	250
,, Cal.	220 to 230
,, Madras	220 to 230
Turpentine, Spanish	650
,, American	640
Vanilla, Tahiti	9,000

Letters for this section should be written on one side of the paper only. The writer may adopt an assumed name for purposes of publication, but he must in all cases furnish his real name and address to the Editor.

What is an Apothecary?

Sir,—Some months ago one of your correspondents asked the above question, and a note in your issue of April 23 (p. 37) refers to the gradual disuse of the term *apothicaire* in France and its replacement by the word *pharmacien* in early Stuart days owing to the fact that "the abuse and ridicule heaped upon apothecaries by doctors in the sixteenth and seventeenth centuries made the name unpopular." Our word "apothecary" and its French equivalent are from the Latin *apothecarius*, a keeper of an *apotheca*, which is derived from the Greek and merely signifies a store. The Greek word was used by Galen to denote the repository where his medicines were kept. The origin of the apothecary in this country can be clearly traced to the reign of King Henry VIII. Up to this period the different branches of the medical profession were not distinguished, but in 1518 the physicians of London were incorporated and the barber-surgeons a little later, in 1540. Independently of the physicians and the surgeons there were a great number of irregular practitioners who were more or less molested by their legitimate rivals, and it became necessary to pass an Act in 1543 for their protection and toleration. As many of these practitioners kept shops for the sale of medicines the term "apothecary" was used to designate them and their calling. The original apothecary, in England at any rate, was therefore an irregular practitioner of medicine, or what we should now call a quack, recognised and legalised by an Act of Parliament. Their status may be gathered from the fact that sixty years later King James I. incorporated them with the grocers. This did not please them, however, and eleven years afterwards they managed to secure a separate charter as "Apothecaries of the City of London." For nearly a century they were in constant conflict with the College of Physicians, as they insisted on the right not only to prepare and sell but to prescribe drugs, and the contest culminated in the famous case of Rose *v.* College of Physicians, which triumphantly decided that the duty of an apothecary consisted not only in the compounding and dispensing, but also in the directing and ordering of remedies employed in the treatment of disease. Up till the beginning of the nineteenth century the apothecaries steadily increased in importance, and they obtained various Acts of Parliament culminating in the Act of 1815, which gave them very extensive powers and qualified them to practise in Ireland and Scotland as well as in England. As their powers grew they devoted their energies more and more to the prescribing rather than the selling of drugs, and, according to Wharton's "Lexicon," the modern apothecary is a qualified medical man who has obtained a diploma from an ancient City Company which admits him to the Medical Register. A curious anomaly, however, exists. The Society of Apothecaries has the power to admit to its membership not only persons who have obtained its licence to practise medicine, surgery, and midwifery, but also any other persons it chooses. The Society is governed by a Master, two Wardens, and a Court of sixteen assistants, and this body can, and does, elect individuals in no way connected with medicine or pharmacy to be yeomen or freemen of the Company. These lay members can rise to the Livery, but apparently custom prevents them from being nominated to the Court of Assistants. I have just been looking through "Who's Who" and find one of these gentlemen, who is the vicar of a London parish, describes himself as "Freeman and Apothecary of the City of London." I should add that membership of the Society of Apothecaries qualifies for admission to the Freedom of the City of London. This is indeed a curious anomaly, and one in which chemists are much interested. The opprobrium to which M. Fialon refers as attaching in France to the title "apothecary" has never existed in this country, although, as we have seen, the original holders of the title were legalised quacks—*au contraire*, as has been indicated, the apothecary has held his head very high in the great City of London. The term was in constant use in Ireland in the latter part of the last century, but is gradually falling into disuse. We hardly ever use it in England now; but in Scotland and the United States the term is still popular, which is curious, as Scotland and America have never had Apothecaries' Halls similar to the famous establishments in Water Lane and in Mary Street, Dublin. I was personally much interested in learning that Guilds of Apothecaries existed in France prior to the Revolution, as during five years' residence in the country I never heard the word *apothicaire* used, and I only once remember meeting the phrase *un mémoire d'apothicaire* in French literature, and being interested to find it meant not a chemist's account but an exorbitant bill. It seems to me that the title "apothecary" is one which should belong not to members of a City Company who may or may not be practitioners of pharmacy or medicine, but to the rightful descendants of the keepers of the Depository of Galen—viz., the diplomates of the Pharmaceutical Society.

Yours sincerely,
A Barrister-at-Law (25/4).

The Retail Pharmacists' Union.

Sir,—It may be rather early to criticise the Retail Pharmacists' Union, but I take it they will look for and expect criticism. The start of the Union was a bad one. The elections were so rushed that few, if any, Associations had time to receive or criticise the election addresses or capabilities of any of the candidates. At least fourteen instead of four days should have elapsed between the nominations and the elections. Further, I read in the "Anti-cutting Record" that "after a long discussion it was decided that the payment to each member at joint meetings of the R.P.U. and Chemists' Defence Association for an attendance (not per day) should be first-class fare and two guineas fee." I notice there are in all twenty-six members, so that each meeting will cost, in fees alone, fifty-two guineas. What the first-class fare will total I know not. Presumably, however, each meeting will cost from 70*l.* to 80*l.* It would be interesting to know how many of these members usually travel first class. The redeeming feature is that this decision was come to after a "long discussion." Many of us who have made repeated journeys to London at our own expense for pharmaceutical purposes would like to read that discussion. Yours faithfully,

Eastbourne. Arthur Mills.

Enlarging Eclipse Photographs.

Sir,—I have seen one print of the recent annular eclipse of the sun in the showcase of a Nottingham photographer, and it struck me as distinctly good. The foreground is practically all dense foliage, and the lens would be shielded well with this, using also a screen of smoked glass. The phase of the eclipse may be said to be that of the first of the second half, as the sun is just commencing to emerge from the moon-screen. Some years ago I had something of this kind sent to me for enlargement, and it was rather a hopeless task. The film or negative was very small, the subject being a ring measuring no more than an eighth of an inch in diameter. I have seen several such negatives, and they all present no pictorial value. They are not "sharp" enough to give anything but a cotton-woolly result. But in the case I mention, having access to a good microscope, I set up the negative in a frame, and, using a one-inch objective, got a very good photo-microscopic enlargement. The centre was opaque, but the ring of light surrounding it now took on a very different aspect. Instead of the woolly ring there was a wider ring, made up of bombarded atoms of silver, which altogether gives a much better representation of the flashes of light in certain or all directions usually seen by the eye. Also, quoting Abney, "light endeavouring to pass through a film has to struggle against the obstruction of the grains and finds its way through the interstices, only some small quantity being reflected from

grain to grain," and, travelling, loses intensity in a given ratio. This is shown very clearly in the photo-micrograph, but is entirely invisible in the original. An amateur who has achieved any result should get the loan of a microscope with low-power objective and reflector. The latter will sufficiently well illuminate the subject with daylight or electric light. The arrangement of apparatus is in this order: (1) Reflector, (2) negative, (3) objective, (4) eye-piece, (5) plate. The eye-piece end of the microscope is put through the aperture in the camera front usually occupied by the lens, any open space being filled with packing or by the use of a small focusing-cloth. The usual eye-pieces fitted are "corrected" enough for this purpose, and their use is certainly an advantage, as the apparatus can be brought within the limits of perhaps 30 in., or less. Everything should be accurately in line, and the usual precautions against the entry of stray light taken.

Yours, etc.,
J. Pike.

Pharmacy Students.

Sir,—I think that "Pharmacynicus" (*C. & D.*, April 30, p. 78) will find, on thinking the matter over, that a tendency to posing is a youthful instinct more or less engrained in the young of all generations. There are few of us who cannot look back on our youthful days without remembering some incident of the kind, of which we are more or less ashamed when in more advanced years, but in the majority of cases it does us little harm, except perhaps to look foolish in the eyes of our elders. To most level-headed people the attitude is grown out of, or at any rate we recognise our particular weakness, and learn to keep it under control (to the few unfortunate ones who do not the failing degenerates into a vice), while those who always remain poseurs political life seems to be a natural haven—in fact, one has only to think of politicians, either pharmaceutical or national, for instances to jump to the eyes. Am I perhaps right in reading between the lines of "Pharmacynicus'" letter that he is a good deal older than his fellow-students? But far worse than the harmless, if somewhat inane, attitude of posing, is the present-day indifference or repugnance to steady work. What with doles and grants, we have lost the necessity for the individual push and go formerly required to attain an independent status in life and to keep up with our competitors, and the results are to be seen in the rapid depreciation of workmanship and the quality of our products and in the general irresponsibility of purpose, which are all tending to become at the present time a national calamity.

Yours faithfully,
Ancient Poser (30/4).

Insurance Dispensing.

Sir,—The practice of doctors' dispensers writing out scripts for patients when the doctor is elsewhere, which came up before the Kent Insurance Committee (*C. & D.*, April 23, p. 42), is a problem that applies to other areas than that of Kent. Although of interest to the pharmacist, I do not see what he can do in the matter, as the responsibility rests with the medical man, who obviously should not relegate his own work to an unqualified person. Especially now that "Rep. mixt." is discontinued. If the doctor's handwriting is not familiar to the pharmacist, the question of doubt does not arise, and he dispenses the medicine in the usual way; but even when it is familiar there is often a marked difference between a hurried scribble and leisured writing, which would not be questioned. But where the caligraphy is obviously unfamiliar and a scheduled poison is ordered, it places the pharmacist in a quandary whether he should dispense a script which is presented on the proper printed form, if presumably signed by a medical man, or whether he should refuse it on the ground of not recognising the writing. Personally, I think that the pharmacist should be responsible for discriminating in such a case on panel scripts, as any discrepancies should be discovered by the Pricing Bureau, who handle a far greater number of them than the panel chemist, and the clerk could then write the medical man for an explanation.

Yours faithfully,
Caligraphist (19/9).

Headaches and Health.

Sir,—Headaches are generally considered more annoying than important, and the counter prescriber is inclined to regard them as symptoms rarely requiring more than routine treatment. Their possible importance is, however, well brought out in "The Times Trade Supplement," which emphasises the fact that a decided tendency to headache marks a distinct departure from normal health. Dr. Harry Campbell has an article on the subject in "Hutchison's Index of Treatment," but it is highly technical, and the account in Whitla's "Dictionary of Treatment," published last year, gives all the information pharmacists may desire. Sir William classified headaches as:

1. Rheumatic.	5. Neurasthenic.
2. Toxæmic.	6. Gastric.
3. Congestive.	7. Hæmic or lymphatic.
4. Anæmic.	8. Reflex.

From this it will be seen that the prescriber must select correctly from these eight types if he desires to effect a cure. The variety which will sometimes give very gratifying results is the hæmic or lymphatic type. It is uusually associated with chilblains, and the remedy which gives such remarkably good results is chloride or lactate of calcium. I give:

Calcii chlor. ... ... ʒj.
Tinct. ferri perchlor. ... ... ʒij.
Aq. chlorof. ad ... ... ℥vj.
Ft. mist.
℥ss. ex ʒj. aquæ ter in die post cibos.

If the patient takes the mixture regularly for two to three weeks, both headache and chilblains will disappear.

Yours sincerely,
M.D. (30/4).

Legal Queries.

C. S. S. (2/5).—There is no order in force preventing the importation of clinical thermometers.

H. A. M. (28/4).—Comprehensive insurance policies generally cover risks of fire, burglary, loss of business and rent, and plate-glass.

Oxon (1/4).—Neither sugar of lead nor sulphate of zinc is a scheduled poison, consequently the retail sale of these chemicals is not confined to chemists.

W. H. B. (29/4).—Unqualified persons cannot legally sell by retail "cantharides, tincture, and all vesicating liquid preparations or admixtures of." In regard to the wholesale sale—that is to retailers—the requirements of the Pharmacy Acts are that the word "Poison" and the name of the article shall be placed on the container.

W. P. (29/4).—There is no limit fixed by law for the amount of salicylic acid that may be used in foods or beverages. The Departmental Committee of the Board of Agriculture in 1901 recommended that the limit of the quantity of salicylic acid should be 1 grain per pint. You could work this out in terms of the finished beverage, as we do not know what dilution is recommended on the label.

E. D. (23/4) entered into a contract of service with a limited company about ten years ago, under which he took over the management of a branch shop in one of the suburbs of London. Under the contract he agreed not to start a competitive business within a mile of the shop. The business has recently been taken over by another company; is the restrictive clause still operative? [We gather that "E. D." has continued in the service of the purchasing company upon the old terms, in which case that company is in as good a position for enforcing the contract as the company which sold the business would have been. Whether the court would, in the circumstances, hold that the restriction is void upon the ground that it is unreasonable we cannot say; but in our view the agreement could be enforced.]

Miscellaneous Inquiries.

When samples are sent particulars should be supplied to us as to their origin, what they are, what they are used for and how. We do not undertake to analyse and report upon proprietary articles nor to publish supposed formulas for them.

Pluvius (21/4).—Rainproofing Cloth.—The method used for French soldiers' uniforms consists of dipping the articles into a solution of 5 to 10 parts of anhydrous wool-fat in 90 to 95 parts of petrol, the lanoline being first liquefied by a little chloroform, carbon bisulphide or carbon tetrachloride. This process is one which is used for rainproof coats, but owing to the quantity of solution required for dipping is best applied by means of a spray when a single garment has to be treated.

H. J. G. (21/4).—(1) Silvering Glass.—See *C. & D.*, I., 1920, pp. 606 and 706. (2) Corn Salve:

I.		II.	
Ac. salicyl.	ʒj.	Ceræ albæ	ʒj.
Ung. resinæ ...	ʒvj.	Adipis benz. ...	ʒvj.
Adipis lanæ hyd. ...	ʒj.	Ac. salicyl.	ʒj.

Raspo (21/4).—Raspberry Fruit Essence.—The fruit is pulped in a wooden vessel and left for twenty-four hours at a temperature of between 70° and 80° F., stirring occasionally. Then press, set the juice aside for a night, and add an ounce of rectified spirit to each pint of juice. After standing for another night filter through paper. To convert this into essence add a pint of rectified spirit and ʒiss. of oil of orris to each gallon of juice.

Esquire (16/4).—Bleaching Liquid.—This is best made, on the model of eau de Labarraque, as follows:

Chlorinated lime	1 part
Washing soda	2 parts
Water	10 parts

Mix each solid with half the water, mix the solutions, allow to stand a day and filter.

V. C. (20/4).—The precipitated barium carbonate is likely to be the more readily acted upon by the internal secretions, and hence to be a more active poison than the natural carbonate. The physical condition of the two carbonates is different, but useful information could be gathered by watching their relative behaviour in dilute hydrochloric acid. Both carbonates keep well.

N. J. H. (26/4).—Books on Physical Chemistry.—"A System of Physical Chemistry," (Lewis), in three volumes, published by Longmans, Green & Co., and edited by Sir Wm. Ramsay, is probably what you require. Walker's "Introduction to Physical Chemistry" (Macmillan & Co., 1910) is fairly comprehensive, and "Recent Advances in Physical and Inorganic Chemistry," by A. W. Stewart (Longmans, Green & Co., 1919), includes the results of work on radioactivity.

L. P. S. (28/3).—(1) From your description of symptoms there appears to be no evidence of worms in the case of the child you mention. It seems more probable that adenoids is the trouble. In any case, want of exercise and fresh air and too much starchy food would account for the condition. (2) The modern method of removing superfluous hairs is by electrolysis.

Aper. (27/4).—(1) Strong Aperient Draught.—Usually mist. sennæ co. ʒx. vel. ʒxij. is supplied for this, but some chemists prefer the rhubarb type of draught. The following is a good formula for the latter:

Pulv. rhei	ʒiiss.
Mag. carb. pond.	ʒiss.
Sp. amm. arom.	ʒivss.
Tr. rhei co.	ʒix.
Ess. menth. pip.	ʒij.
Aq. ad	℥xij.

Dose.—℥iss.

(2) Fly Nuisance in Shop Window.—The best treatment for this is to place in the window at intervals small vessels containing a little milk to which a small quantity of formalin has been added.

F. W. S. (30/4).—Melted pitch would be the best fo filling the cracks of a wooden photographic developin cistern. Shellac would also be useful, but would b acted on by the alkali of the developer.

R. H. W. (26/4).—Syr. Thymi Co.—The preparatio you mention would probably be a variant on compoun syrup of thyme, a formula for which is as follows:

Liquid extract of garden thyme, Liquid extract of wild thyme ... ... of each	2 oz.
Alcohol (90 per cent.) ...	1 oz.
Potassium bromide	400 grains.
Simple syrup to	20 oz.

Mix. Dose.—ʒj., containing potassium bromide 2½ grain

J. T. E. (26/4).—Flavine is the generic name for th antiseptic dyes known as acriflavine and proflavine. The substances were used of a 1:1,000 strength in sali solution during the war as wound antiseptics. Full pa ticulars of these dyes are given in *The Chemist an Druggist Diary*, 1918.

J. M. (26/4).—(1) Composition Essence.—This prepara tion is made by percolating composition powder with a me struum of proof spirit, glycerin, and water. We kno of no practical formula which can be made more easil (2) Velour hats of light colour are best cleaned wit magnesia, with or without the addition of benzin (3) Blood stains on linen are generally removable by sol tion of chlorinated lime, followed or preceded by th application of vinegar.

W. N. A. (27/4).—Flowers are preserved with wa by spraying them with a solution of wax in ether o spermaceti in benzine. The spraying requires repeating allowing the solvent to evaporate between the operations.

T. S. (29/4).—We cannot undertake to analyse a ra poison which has been used on a farm "with no grea success."

D. C. (23/4).—The careful application of tincture o cantharides or liquor epispasticus to the bare places o the bull's back would tend to stimulate the growth o hair. You should, however, carefully guard yourse from the risk of claims for damages which might resul from unskilful use of these preparations.

A. P. B. (4/4).—The solubility of iodine in alcohol wa dealt with in the *C. & D.*, December 25, 1920, p. 89.

Retrospect of Fifty Years Ago

Reprinted from "The Chemist and Druggist," May 15, 187

The Pharmaceutical Council.

The occurrences of the past few months in connectio with the Poisons Regulations struggle has invested the ele tion of the Pharmaceutical Council this year with an unusu interest. However it may be glossed over, there can b no doubt that we have lately witnessed the discussion of question involving a vital principle, respecting which th Council, as a body, has been on one side, and the trade, a a body, has ranged itself in opposition. A divergence o opinion like this between a constituency and its represent tives is an occurrence which must be looked for occasionall wherever the principle of representative governmen obtains; and as an incident or an accident, is not altogeth an unmixed evil. It stirs up the life, energy, and intere of the constituency on the one hand, and on the othe reminds the representatives of their rightful position. Th periodical recurrence of general elections is the safety-valv provided in the electoral system for the termination o such disputes, the perpetuation of which would result in or rather would be, pure despotism. The election of a ne council, therefore, following immediately the late disput and possibly occurring at almost the commencement of campaign in which it will be necessary to defend our prese position against influential adversaries, naturally excit the interest of the whole trade—the members of the Pharma ceutical Society not being by any means exclusivel concerned.

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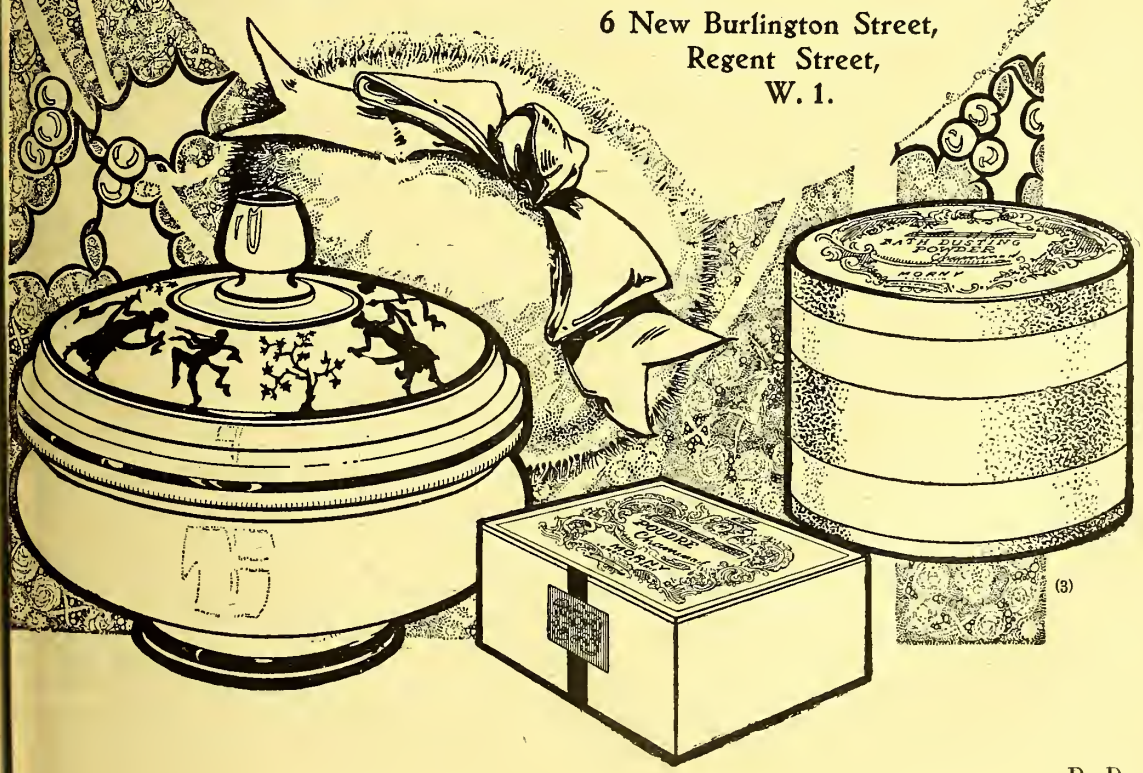

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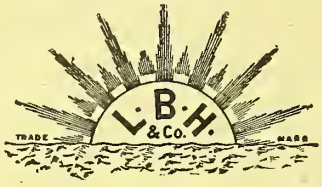

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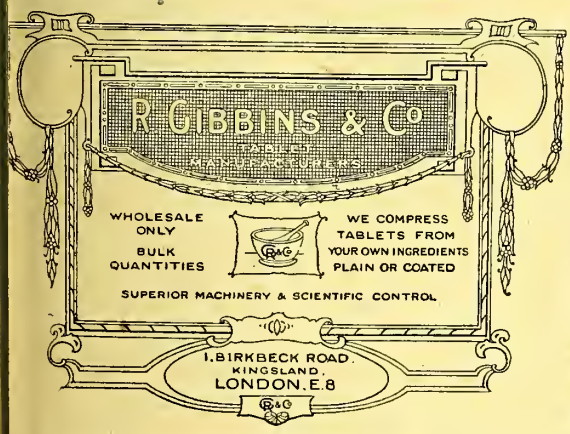

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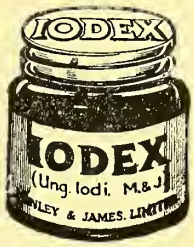

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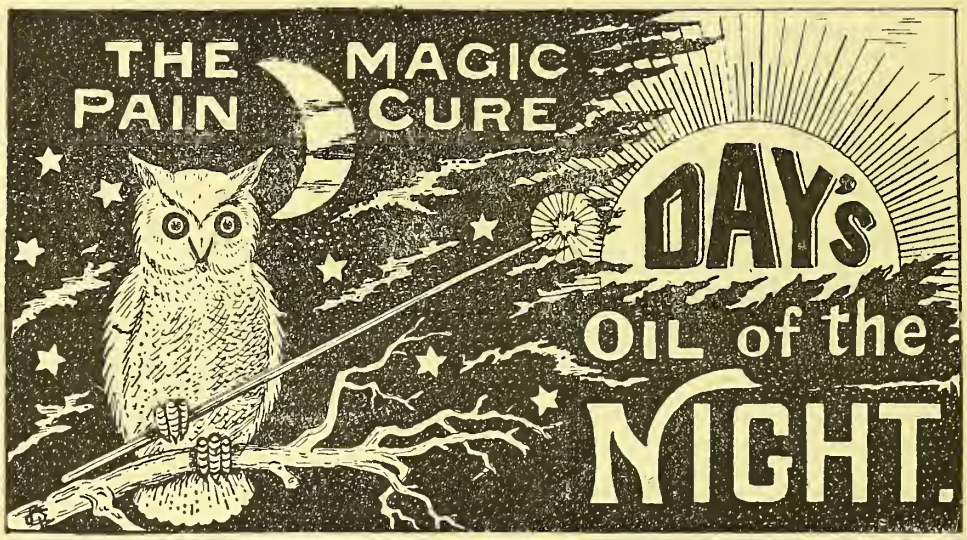

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In Jars—Retail	**2/3**	each.	Wholesale	**18/-**	per doz.
,, ,,	**3/-**	,,	,,	**24/-**	,,
,, ,,	**5/-**	,,	,,	**40/-**	,,

Carriage Paid on £5 Orders. *Handsome Showcards Free.*

SPECIAL INTRODUCTORY OFFER.

Carriage Paid on a £3 Order.
5% Discount, Cash with Order.

EVANS, GADD & CO.
LIMITED,
EXETER & BRISTOL.

COLLOSOLS (CROOKES')

The Original Colloidal Preparations for Medicinal Use

are specified with increasing frequency on the script you deal with daily.

These "old drugs in a new form" have secured the confidence of your medical clientele.

Unique opportunities are afforded the pharmacist identified as the medium for local distribution.

Generous terms and loyal co-operation make the handling of these lines attractive and remunerative.

COLLOSOL ZINC CREAM

COLLOSOL SULPHUR

COLLOSOL FERROMALT

Full Explanatory Brochure of all Collosol Preparations will be supplied free on application.

THE CROOKES LABORATORIES,
BRITISH COLLOIDS, LIMITED
22 Chenies Street,
Tottenham Court Road, W.C.1.

CORYTONS. *Telephones: Museum 3663 and 3697.*

THE
GREAT & STEADILY GROWING DEMAND
FOR
"ALEXINE"

ASSIMILABLE PHOSPHORUS

IS DUE LARGELY TO THE REMARKABLE EXTENT to which nerve specialists and general practitioners are prescribing it. "ALEXINE" is invaluable in all cases of Anæmia, Depression, Morbid Fears, Nervous Debility, Neurasthenia, Low Spirits, etc. Tens of thousands of persons in this country suffer from Nervous Exhaustion in some form or other. "ALEXINE" is being brought forcibly to their notice as the true nerve cell nutrient and remedy by persistent advertising in the big-circulation papers. You are certain to be asked for it. "ALEXINE" is manufactured in France to the secret formulæ of Dr. Joulie.

SOLE BRITISH AGENTS:
HEPPELLS, 164 Piccadilly, W.1.

Write to-day for generous trade terms. "Alexine" retails readily and steadily at 5s. and 10s. a bottle. Counter Literature supplied gratis. Send a postcard now.

SPECIAL OFFER

to Chemists who will stock 'Shadforth' brand

BRAIN AND NERVE TONIC

(Prescription 470)

For MENTAL DEPRESSION, LOSS OF MEMORY, DEBILITY, NEURASTHENIA, &c.

Phosphorus 1-1000*th gr. Damiana* ... ⅔ *gr.*
Nux Vomica ⅛*th gr. Lecithin* ... ½ *gr.*

Price **1/9, 3/3** and **6/-**

We are just commencing to advertise this line more extensively, and invite our fellow-pharmacists to co-operate in its distribution on the following Special

CASH WITH ORDER TERMS:

Dozen		Minimum Retail		£	s.	d.
2	...	1/9	...	£2	2	0
1	...	3/3	...	1	19	0
½	...	6/-	...	0	18	0
				£4	19	0
		Less 33⅓ % ...		1	13	0
				£3	6	0
		Less for Window Display		0	6	0
				£3	0	0

You cannot lose on this offer because unsaleable are exchangeable at any time for saleable sizes of this well-known line. Showcards sent with the goods.

Smaller quantities through your Wholesalers show a profit of 25%

Shadforth Prescription Service, Ltd.
Governing Director—
Mr. William Shadforth, Pharmaceutical Chemist,
53 Grove Road - BOW, LONDON, E. 9.
Phone: East 3644
City Branch—49 King William Street, London Bridge, E.C. 4. Phone: Central 920.

Please mention "C. & D." Advt. of May 7, 1921, and mark your letter "Retailer's Department."

P.A.T.A. Notice.

NEW OFFICES

All communications should now be addressed to

18 Tavistock Square, London, W.C.1.

Telephone No. - Museum 8088.

"CHRISTIAN HERALD"

ONE AGAINST SEVERAL.

To the Advertisement Manager, "Christian Herald."

Dear Sir,—You would perhaps like to know of our experience in advertising **Japlin's Anti-Rheumatic Soap** in the *Christian Herald* with a 3-in. advertisement.

Compared with a small advt. in all Sunday weeklies (excepting three), to our surprise the result from all these was not nearly equal to the one advertisement in the *Christian Herald* at half the cost. Yours faithfully,

JAPLIN'S ANTI-RHEUMATIC SOAP, LTD.

Over £3,000 for £26·10·0

A Leicester Boot and Shoe Manufacturer writes on January 1, 1921:

Over 6,000 Satisfied Customers from Readers of the "Christian Herald."

"The total business done from our original advertisements in February and March 1920, runs into over £3,000 to date. The original advts. cost £26/10/0."

It pays to advertise in the "Christian Herald."

The circulation is the largest of any religious newspaper in the world, and orders for goods advertised are received from all quarters—from the Shetland Isles to New Zealand.

For Specimen Copy and Rate Card, apply to—

The Advertisement Manager,
6 TUDOR STREET, LONDON, E.C.4.

LIQUID BARKOLA COMPOUND

The Well-known Specific for Rheumatism has been on Sale continuously in Great Britain for over 30 Years.

Wholesale 30/- per doz. Retail 3/-

Each bottle (1-oz.) carries instructions to the Chemist to make up to the following Standard Formula—

Liq. Barkola Comp., 1-oz.; Tincture of Gentian, 1-oz.;
Syrup of Rhubarb, 1-oz.; Syrup of Ginger, 5-oz.

Chemists charge according to their own scale for dispensing.

THE BARKOLA CO., Ltd.,
42 Great Dover Street, London, S.E.1

Dr. Bengué's Ethyl Chloride for Local and General Anaesthesia in Glass and Metal tubes.

Large selection of tubes.

Anestile for Local Anaesthesia.
Narcotile for General Anaesthesia.
Methyl Chloride.

Ask for Special Terms and Showcards for Dr. Bengué's Balsam.

Dr. BENGUÉ & CO., MANUFACTURING CHEMISTS,
52 Charlotte St., LONDON, W. 1.

Seven Spas Soap

For all Rheumatic Complaints. Recommended by the Medical Profession.

SOLD BY ALL STORES AND CHEMISTS.

Price **1s. 6d.**

Seven Spas Proprietary Co., Ltd.
3-9 Heddon Street - Regent Street, W. 1

RADIUM COMPOUND.

SELF-LUMINOUS

Highest Possible Efficiency, Durability & Value.

As supplied to H.M. Government, &c.
Guaranteed to pass N.P.L. requirements.
All Grades in stock, from **15/-** per gram.
RADIUM SALTS TESTED AND CERTIFIED.

F. HARRISON GLEW, THE RADIUM LABORATORY
156 Clapham Road, London, S.W.

Gelatines

Fine Leaf Gelatine, Pure Calf.

"Albion" Brand (In 1-lb. Packets, 112 × 1-lb. to Case)

Made in England.

FINE CRYSTAL GELATINES.
PURE SKIN GELATINES.
POWDERED GELATINES.

Samples on Application.

OURY, MILLAR & CO. 9 MINCING LANE, LONDON, E.C. 3.

Telegrams: "Olmenth London." *Telephone: Avenue 4978.*

Francis F. Fox & Co.: Bristol

LINSEED OIL. TURPENTINE.
FINE OLIVE OILS.
LIQUID PARAFFIN. CASTOR OIL.
CHEMICALS. DRYSALTERY.
PETROLEUM JELLY.
CRUSHED LINSEED.

PRICES ON APPLICATION.

TELEGRAMS—"FOX BRISTOL." TELEPHONE—19 BRISTOL.

Langley-Smith & Co.

MOTOR OILS

Castor Oils, *Medicinal, Lubricating.*

Colza Oils, *Best Pure, Prepared.*

Linseed Oils,
Best Raw, Double Boiled. Refined.

Turpentines,
Best Pure Spirits.

Substitutes,
Best Grades.

Samples and Prices on Application.

14-20 St. Mary Axe
London, E.C. 3.

Telegrams—"Tallowdom London." Tel. No.—Avenue 3820.

Genuine Russian **LIQUID PARAFFIN**
All gravities, correct viscosities

"Jasmine Brand" **ADEPS LANÆ** Superfine Anhydr. and Hydrous
Lanoline

"Jasmine Brand" **PETROLEUM JELLIES**
White and Yellow

B.P. 1914

Finest Qualities

Competitive Prices.

"Jasmine Brand" **WHITE OILS** Chem. Pure, Water-white, Tasteless, Odourless
FOR MANUFACTURING PURPOSES

ALSO TRANSFORMER & INSULATING OILS.

The PURE RUSSIAN LIQUID PARAFFIN CO., Ltd.

3 St. Helen's Place, LONDON, E.C. 3.

Actual Refiners and Manufacturers at their Works near London.

Maltine

The word "MALTINE" is our registered Trade Mark.
In prescribing kindly specify "MALTINE COMPANY."

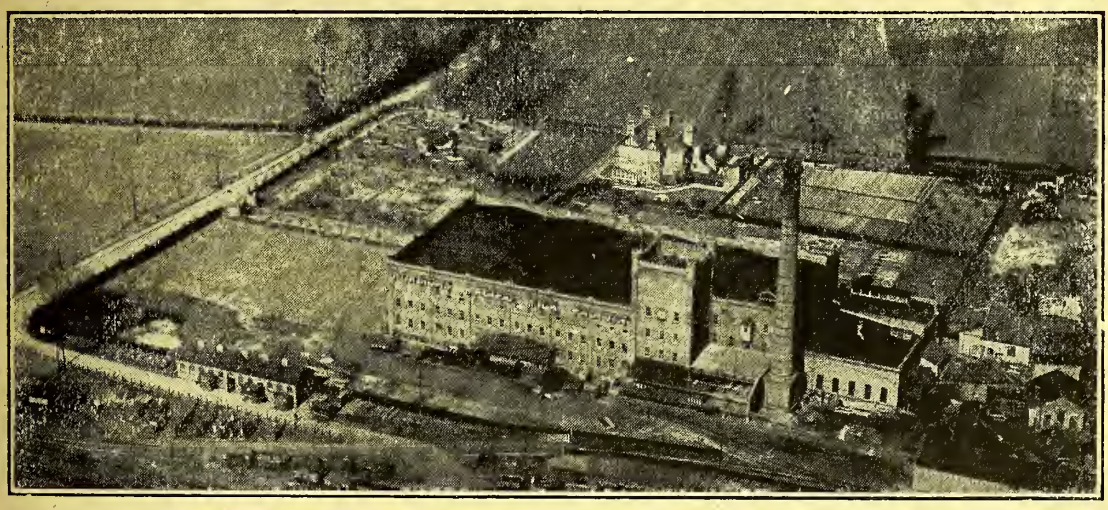
OLD STOCK
MAY BE RETURNED.

OCCASIONALLY consumers have been supplied by their Chemist with "Maltine" specialities in an unsatisfactory condition, and when such products have been returned to us for examination, we have found by the code-mark on wrapper and label that the preparation left our factory several years ago. Our code-mark generally consists of four figures, such as 4018—the terminating figures 18 refer to the year (1918), thus 4018 reads April 1918. Should you have any stock ***marked prior to 1919,*** we would much prefer that it is returned to your usual wholesale house to be exchanged for new stock. It should be sent per van, or with other goods, as the cost of special carriage cannot be credited. Any stock bearing the terminating figures 50 to 60 is 1921 packing.

THE MALTINE MFG. CO., LTD., 183 ACTON VALE, LONDON, W.

HORLICK'S MALTED MILK

THE ORIGINAL



An aerial view of the works at Slough, Buckingham, England, where all the

HORLICK'S MALTED MILK

Supplied in Great Britain is Produced.

PRICE PROTECTED - - 2/-, 3/6, 15/-

Attractive Advertising Material Free and Carriage Paid on application to

HORLICK'S MALTED MILK CO.

SLOUGH, BUCKS, ENGLAND.

(Sir James Horlick, Bart., President.)

FOUR GRAND SELLERS !!!

G.O. LEMONADE (NO SUGAR REQUIRED.)

G.O. LEMON-FLAVOURED SWEETENED SEIDLITZ POWDERS

G.O. EFFERVESCING GINGER-BEER POWDERS

GREENWICH HOUSEHOLD DYES.

Send a ½d. postcard with your slip attached for prices and **SPECIAL WINDOW DISPLAY TERMS.**

THE GREENWICH LEMONADE CO. (J. MILNER, M.P.S.)
11 JOHN PENN STREET, LONDON, S.E.13.

PHONE: 947 GREENWICH. TELEGRAMS: "CORTLIMON, GREEN, LONDON."

ONCE INTRODUCED, REPEAT ORDERS FOLLOW AS A MATTER OF COURSE

We have many Testimonials from satisfied Retailers and Consumers.

YOUR PROFIT IS NEARLY 40% ON TURNOVER

PURE ORANGE WINE

A. MILLAR & CO., LTD., DUBLIN

(VINUM AURANTII B.P.) Prepared in strict accordance with the Formula of the British Pharmacopœia. (Wholesale only.)
Samples from Head Office, Thomas Street, DUBLIN, or London Office, 43 Great Tower Street, LONDON, E.C.3.

Florozon Inhaler

A most effective Chloride of Ammonium Inhaler in cases of Nasal Catarrh, Colds, Coughs, Chest Complaints, Whooping Cough, Diphtheria, Hay Fever, etc., and Asthma.

Booklet on application to the Sole Proprietors and Patentees—

HERTZ & CO., 9 Mincing Lane, E.C.3

Established 1878.

Phone: 10607 Central. Telegrams: "Freshness London." [5]

CAMWAL

2 New Profitable Lines

Pearlspring Health Salts

Aquaperia Salts, P.A.T.A.

HANDSOME PROFITS ASSURED. WINDOW DISPLAYS.

Prices and Terms on Application.

CAMWAL LTD. LONDON, MANCHESTER, BIRMINGHAM, BRISTOL, HARROGATE.
City Office: 52 Queen Victoria Street, LONDON, E.C.4.

An Excellent

Spring Line!!

TONIC HERB BEER TABLETS

Produce Foaming, Appetising, Ambrosial Beer in a few seconds.

One Tablet added to half a pint of water produces one glass of excellent non-alcoholic beer.

Packed in artistic tins (each containing 25 tablets) retailing at 1/6 per tin.

Wholesale Price **12/-** doz.

ARTISTIC AND UP-TO-DATE SHOWCARDS SUPPLIED

We can also supply in bulk; prices and samples on application.

C. R. Harker, Stagg & Morgan, Ltd.

DEVON WHARF and BELL WHARF

EMMOTT STREET, MILE END, LONDON, E. 1.

MALT & COD LIVER OIL

Prepared only from the Finest East-Coast Barley, combined with the best Norwegian Non-Freezing Cod Liver Oil.

Packed in Screw-Capped Jars, Bottles and Tins, holding 1 lb. and 2 lb. Neatly Labelled and Wrapped. Customer's Name printed on Labels for Orders of 1 Gross and upwards.

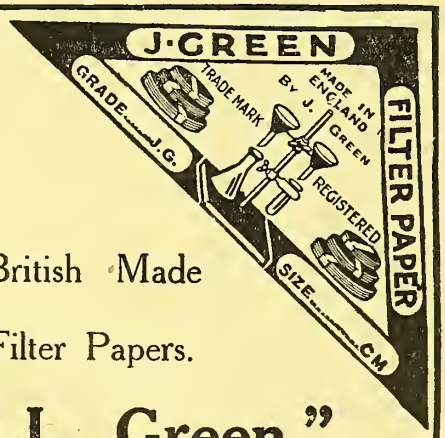
Telephones: Nitshill—Pollokshaws 14 London—Avenue 5661 (3 lines).

PERRY & HOPE, Ltd.

Telegrams: "Perryope, Nitshill." "Perryope, Led, London."

NITSHILL, near GLASGOW.

London Office: 1 LEADENHALL STREET, E.C.3.



British Made

Filter Papers.

"J. Green"

New and Improved

fast White Filter.

Grade 595 J. G.

Makers:

J. BARCHAM GREEN & SON,

Hayle Mill, Maidstone, England.

VITMAR

The new vitalising food proved to contain the three principal vitamines

YOUR WHOLESALERS CAN SUPPLY YOU

Manufacturers: *Food Specialists,*

CALLARD & CO., 74 Regent St., LONDON, W. 1.

Dr. Allinson's Food Preparations

FOR ALL AGES AND CONDITIONS OF HEALTH AT FIRM AND PROTECTED PRICES.

Food for Babies, Prepared Barley, N. F. Cocoa, Biscuits, Wholemeal, &c.

See Trade Mark "T. R. Allinson" on all our goods—None Genuine Without.

SPECIAL NOTICE.

We issue a list of WHOLESALE HOUSES who keep above in stock, if for any reason you have difficulty in obtaining supplies, please send postcard direct to us, and a list will be sent to you by return.

NATURAL FOOD COMPANY, Ltd., Cambridge Road, Bethnal Green, LONDON, E.

All advertising matter—Booklets, Window Displays, Showcards, etc., free on application.

N.B.—Our goods are to be sold only at prices stated upon the Price List we issue to the trade, and we are pleased to exchange any article which may be out of condition.

Prescriptions and Praises.

BY its high therapeutic efficiency, Osmos is rapidly acquiring a national reputation as a remedy in Constipation, Biliousness, Dyspepsia, Liver and Kidney Disorders, Rheumatism, Gout, Hæmorrhoids, etc. Osmos is extensively prescribed by doctors, enthusiastically recommended by grateful patients, and well advertised by the proprietors. Chemists can therefore rely upon finding a rapid sale at a profit which makes the business well worth cultivating.

TYPICAL MEDICAL REPORTS

The medical adviser of a well-known Member of Parliament writes:—"My patient was suffering from a severe attack of pneumonia, accompanied with acute constipation. I tried a number of remedies but all failed. I then administered a dose of Osmos warmed, which produced the desired result within half-an-hour."

Another prominent physician reports that Osmos "has worked wonders with a patient suffering from chronic constipation."

OSMOS

The Great British Aperient Water

Trade Terms:
22/- per doz. bottles, carriage paid.

Retail Price:
2/6 per bottle (P.A.T.A.)

OSMOS Crown Wharf, Hayes, Middlesex.

Dr HALE'S
VIN-SANGUIS
WINE FOR THE BLOOD

Fountain of Health

If you have a Wine License we will pay the fee.
If not, get one, we will pay license.
Send for any

You agree to display "Vin Sanguis" always.
You give us an agreed initial order.
You always keep stock
further particulars

PROPRIETORS OF
DR. HALE'S VIN-SANGUIS
Transcontinental Agencies Ld
14, Southampton St., London, W.C.2

RASPBERRY VINEGAR.

MADE ENTIRELY FROM THE FINEST RASPBERRIES & REFINED SUGAR.

Guaranteed free from synthetic ethers or artificial colouring matter. Sp. Gr. 1.3. Full Flavour.
Conforms strictly with the various requirements of the Food and Drugs Act,

PRICE 1/5 lb. NET.
Carriage Paid on 28-lb. Orders.

28 lb. in FREE Wickered Stoneware Bottle, CARRIAGE PAID, for **49/-** net.

BRATBY & HINCHLIFFE, Ltd.
Essence Distillers & Manufacturing Chemists,
SANDFORD ST., ANCOATS, MANCHESTER.

Vinum Xericum

BUTTS.	HOGSHEADS.	QR. CASKS.
108 galls.	54 galls.	27 galls.

STRENGTH 17°

James V. Oldham

19 St. Dunstan's Hill, London, E.C.3.

Telephone: Avenue 3013.

Careful Mothers insist on the NESTLÉ FEEDER

The superiority of the Nestlé Feeding Bottle is so obvious that doctors are advising it, nurses are recommending it and mothers insist on having it. Nothing is good enough for their little ones but a bottle which is perfect in hygienic construction; which cannot possibly harbour dirt or disease germs and which ensures that the food is taken without undue effort or excessive air.

Nestlé's Feeding Bottle is constructed throughout on scientific principles, it is impossible for the child to detach the teat and rubber valve which automatically cling and are made from pure plantation rubber. Colic is prevented because the flow of air behind the milk is systematically regulated. The feeder, made of virgin glass, can be tilted to and will remain at any desired angle. Its capacity is 10-oz., and every part, including the box, is thoroughly sterilized before leaving the factory.

NESTLÉ Feeding Bottle

the Cheapest full-sized Feeding Bottle on the Market.

Easy to sell; brings good profit and rapid turnover. Write to-day for full details and current trade price list.

NESTLÉ'S (Advert. Dept.),
6-8 EASTCHEAP, LONDON, E.C. 3.

TOMPKINS' CORNER

TOP VALUE IN

Bathing Caps

CHECK WATERPROOF, CIRCULAR, 8/- doz.

ALL-RUBBER, Fancy designs, from 10/6 doz.

ALL-RUBBER, Helmet Shape STOCKINETTE BANDS from 20/- doz.

SPONGE BAGS from 4/6 doz.

WATER WINGS from 15/- doz.

A postcard will bring you samples on approval.

SURGICAL RUBBER GOODS of all kinds.

JAMES TOMPKINS, LTD.
THE RUBBER HOUSE,
386 City Road - LONDON, E.C.1.
ESTABLISHED 44 YEARS. Phone: CITY 7640

ON P.A.T.A.

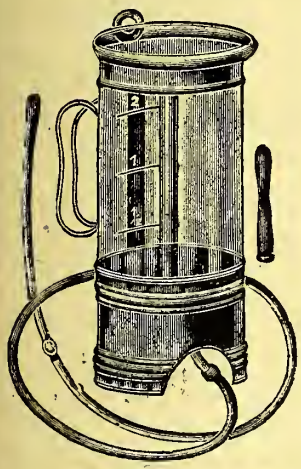
RIGOLLOT'S MUSTARD LEAVES

FOR PLASTERS.
THE ORIGINAL.
THE **ONLY** GENUINE.

7d., 1/- & 1/7 Packets
5/3, 9/-, 14/3 per Doz.

GUYOT-GUENIN & SON
67 Southwark Bridge Road
LONDON - - - - S.E. 1.

BUSH'S DOUCHE CANS



METAL FRAMES WITH GLASS CONTAINERS COMPLETE

2-pint	3-pint	4-pint
44/6	**48/6**	**53/6** per doz.

Extra Glass Containers if desired.

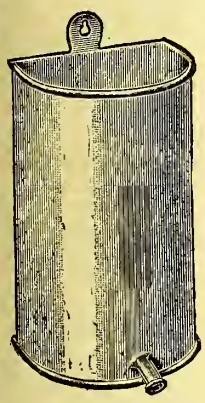
Also all other Sundries for Home & Export.

MEASURES, SYRINGES, TRUSSES, MENTHOL CONES, BALANCES, FEEDERS, BLOWN GLASSWARE OF ALL KINDS, FUNNELS, SHOPROUNDS, CLINICALS, BED PANS, &c. &c.

HENRY W. BUSH & CO. LTD.

REMBRANDT WORKS,
32, 34, & 34a COMMERCIAL STREET - - LONDON, E.1.

Enamelled Hospital Requisites



China White
Enamelled Steel
DOUCHE CANS
Bent spout which prevents rubber kinking.
2, 3, 4 & 6 pints
With front handle if required.

Male URINALS
(939 B)
Only pattern made.

IMMEDIATE DELIVERIES

Round Bed Pan

Regulation Pattern.

ACTUAL MAKERS:
ORME, EVANS & CO. Ltd., Elgin Works, WOLVERHAMPTON (1)

CURASOL

THE ORIGINAL

Boracic Socks

Fixed Selling Price, 6d. per pair.
Cost, 4/- per dozen.
Six dozen lots, 46/- per gross.

Distributing Agents:

England and Wales—
Sangers, 42a Hampstead Rd., London, N.W.1.

Scotland—
Munro, M'Laren & Sutherland,
17 Cadogan Street, Glasgow.

For Sample Pair (state size) send Postcard to—

The Curasol Sock Co.
19/20 Garlick Hill - - LONDON, E.C.4.

Alcohol for Industrial Purposes
Duty-Free Spirit.

The Industrial Spirit Supply Company, Limited.
Agents: HONEYWILL BROS., 79 MARK LANE, LONDON, E.C.3.

FREDK. FINK & CO.,
10 & 11 MINCING LANE, LONDON, E.C. 3.
SPECIALITIES.—Gums Arabic and Tragacanth as imported or finely powdered.

PRECIPITATED CHALK
Lightest and Whitest, also Purest Dense
Aug. Levermore & Co., Ltd. 8-10 Gt. St. Helens, LONDON, E.C. 3.
Telegrams: "Levermore London." Telephone: Central 4613.

WILLOW OINTMENT BOXES
PRE-WAR STANDARD.
OSCAR WATTENBACH & SON
(Capt. C. V. Wattenbach—A. Wattenbach)
Wholesale and Export Only.
Temporary Address: **54 Burnbury Road, LONDON, S.W. 12**

John E. Raworth & Moss
Chartered Patent Agents.
Patents, Designs and Trade Marks,
75 Victoria Street, London, S.W. 1.

DON'T BUY RUBBER GOODS
before sending for catalogue of the famous ELARCO series, from—
THE LONDON RUBBER CO.
183 Aldersgate Street, London, E.C. 1.

For GUARANTEED
ATOMIZERS and SPRAYS
THE DEVILBISS CO., LIMITED
WEST DRAYTON, MIDDLESEX.

SHADEINE
FOR COLOURING GREY HAIR
This popular article is largely advertised and stocked by all Wholesale Houses. Trial Size 8d., per post 10½d. 1/4 size, per post 1/7; 2/6 size, per post 2/9; 3/9 size, per post 4/8; 8d. size 6/- doz.; 1/4 size 12/- doz.; 2/6 size 24/- doz.; 3/9 size, 36/- doz.
THE SHADEINE CO., 58 WESTBOURNE GROVE, LONDON, W.

The Evan-Williams
Always in Great Demand.
Price List on Application.
The Evan-Williams Co., Ltd., 18, Ogle Street, W.1.
ORIGINAL HERBAL SHAMPOO.

CACHETS "FINOT"
(White or Coloured).
With inscriptions in any desired tint; also Plain or Embossed.
"A distinction all their own."—*C. & D.*
"Perfection of Cachets."—*Lancet.*
These Cachets are especially adapted for Headache, Neuralgia and other powders.
COOPER, SON & CO., Ltd., 80 Gloucester Road, SOUTH KENSINGTON.
In 17 Sizes to fit the various types of Cachet Machines.

FLY-GUM *IN BULK*
For Flypapers and Reels.
Before ordering elsewhere, write for sample and prices to—
RAIMES & CO. LTD.,
EBOR WORKS - - - - STOCKTON-ON-TEES.

ALL CHEMISTS SHOULD STOCK ABDINE
THE GOLD MEDAL FRUIT DRINK.
Quick Seller. Big Profits. Over 40 years' Reputation.
"Abdine" is the most popular Health Drink, superior to all Mineral Waters. The Original and only genuine Fruit Drink.
Reduced Price List can be had on application.
DUNCAN McGLASHAN, LTD., ABDINE WORKS, WESTFIELD ROAD, EDINBURGH.

ART OF DISPENSING. (9th Edit.) 8/-, by post 8/9.
VETERINARY COUNTER PRACTICE.
7/6, by post 8/3.
CHEMIST'S DICTIONARY OF MEDICAL TERMS.
3/6, by post 3/10.
The CHEMIST & DRUGGIST, 42 Cannon Street, E.C.4

HERNIA TRUSSES
WITH AND WITHOUT STEEL SPRINGS.
MADE IN EVERY STYLE AND QUALITY.
WHOLESALE AND EXPORT ONLY.
T. SHERBORNE & CO.
33 HONOR OAK PARK, S.E. 23. Phone: Sydenham 517.

PEOPLE WHO WON'T COME IN—
are no use to you and indicate that your window is not advertising profitably. Try our 3-doz. *T.M. Smokers' Paste* at 9/9 (P.A.T.A. 1/3), and 3-doz. *T.M. Smokers' Powder* at 3 9 (P.A.T.A. 7½d.) on special window terms. Make the counter busy by telling Thos. Christy & Co. you want some at once, along with the
T.M. **"PEAK" SHOW**

The National Self-Adhesive

RIBBON PLASTERS

(Spools or Tins).

Supplied in various widths and lengths to suit all requirements of Hospital, Medical or Retail Prices.

POROUS PLASTERS of all kinds

Strengthening, Belladonna, Breast, and Kidney Plasters.

N.H.I. Cotton Wool, Lints, Bandages, &c.

Write for Price List to—

A. de ST. DALMAS & CO., Ltd.

LEICESTER.

The RICE PATENT ADJUSTABLE ELASTIC

TRUSSES

PADS—Various Shapes and Sizes, Hard or Soft.
ABDOMINAL SUPPORTS,
and SUPPORTS for use following Operations.
ALTERATIONS FREE IF NOT SATISFACTORY.
Illustrated Catalogue Free.

MANUFACTURED ONLY BY

Wm. S. RICE, Ltd., 8/9 Stonecutter St., E.C. 4

Telephone: Holborn 466.
Telegrams: "Ricevendo, Fleet, London."

GOOD SELLING LINES, GOOD PROFITS, AND ABSOLUTE SAFETY IN STOCKING

"HOBSON'S CHOICE"

FEET PLAISTERS AND POWDERS

STOCK IS RETURNABLE AT ANY TIME, FOR ANY REASON, AND FULL PRICE REPAID.

For Prices and Samples apply to

HOBSON, TRIMBLE & CO., LTD.

Union St., and Market, LEEDS,
or your own WHOLESALE HOUSE.

"NORVIC" CRÉPE BANDAGE (REGD)

SUPERIOR ENGLISH MANUFACTURE. FAST WOVEN EDGES.

Extremely Elastic, but contains no Rubber.

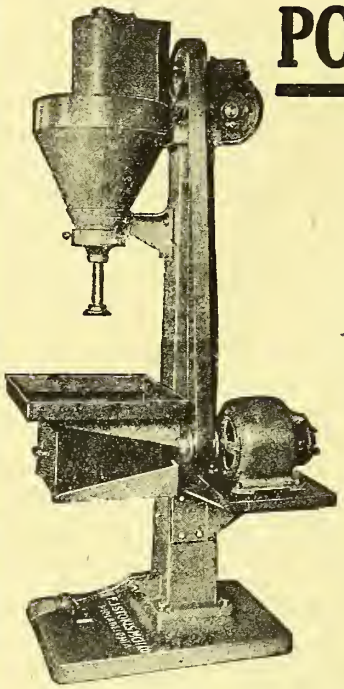
Invaluable for binding. Displaces rubber and elastic web. More durable and one-third the cost. The Norwich Crepe Bandages, containing wool will provide warmth, and do not absorb grease readily. Self-clinging and self-adjusting. Perfectly cleansed, sterilised, and resiliency entirely restored by washing in hot soft water (with addition of a little soap). The edges will not fray out nor ravel. Made and supplied to the leading wholesale houses, neatly wrapped in labelled packages. Commended by the medical and nursing professions. Send for prices and samples to the sole manufacturers—

"The Norvic'd Sports-woman."

The NORWICH CRAPE CO. (1856) Ltd. (ST. AUGUSTINE'S SILK MILLS), **Norwich, Eng.**

Provincial Selling Agents, **Freese & Moon, Ltd.**, 59 Bermondsey Street, London, S.E.1.
London Buyers can obtain samples & prices from **Mr. T. Eastaway**, London Representative, 7 Wool Exchange, E.C.2.

POWDER FILLING MACHINE



Immediate delivery, without motor.

SOMEONE IN YOUR VICINITY is going to buy a Stokes' Powder Filling Machine; why not let that someone be you?

This Machine fills powdered material into any style of container at the average rate of 25 packages per minute.

LOWER PRICES DO NOT MEAN LOWER PROFITS IF YOUR EQUIPMENT IS RIGHT.

THOMPSON & CAPPER, LTD.

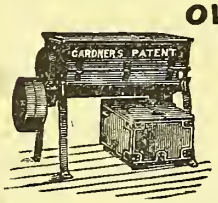
Sole Agents: F. J. Stokes Machine Co.

Manesty Buildings, College Lane, LIVERPOOL.

Telephone: Royal 2060. Telegrams: "Sanitas Liverpool."

GARDNER'S PATENT

"RAPID" SIFTERS & MIXERS



OVER 6,000 working in almost every Trade where POWDERS are Sifted and Mixed and Lumps Reduced, all being done at one operation and without loss by dust.

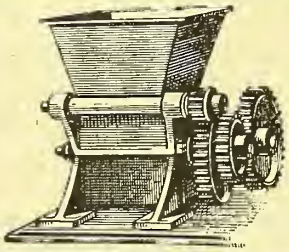
FOR HAND OR POWER.

CATALOGUES FREE.

WM. GARDNER & SONS, Engineers, GLOUCESTER

THE GRIMSLEY MIXER FOR PILL MASSES

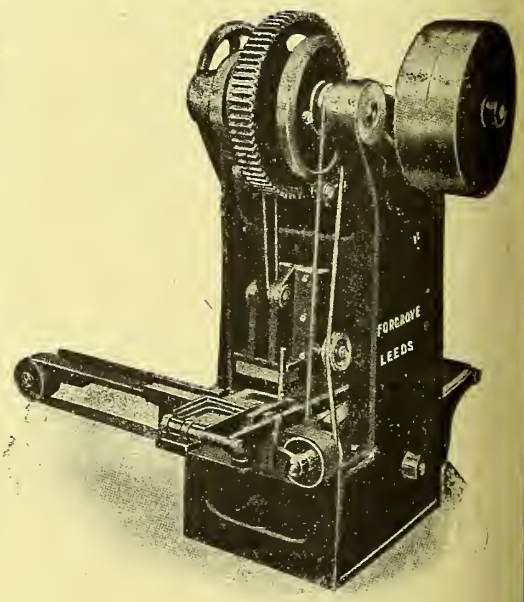
And complete installation for manufacture of Pills, etc.



HAND OR POWER.
EARLY DELIVERY.

GRIMSLEY & CO. (LEICESTER), LTD.

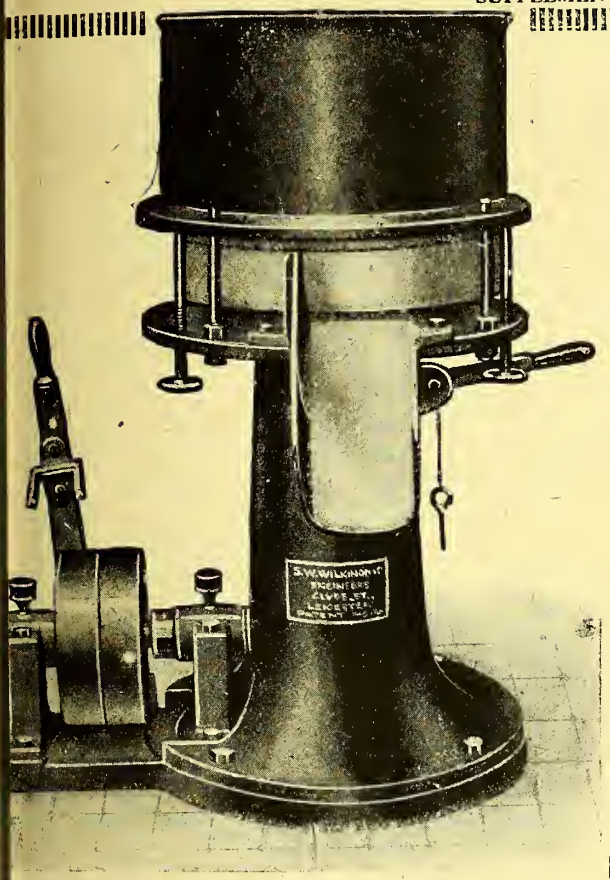
St. George's Engineering Works, Queen Street, LEICESTER (1)



SOAP STAMPING MACHINES.

Output, 50 pieces per minute.

THE FORGROVE MACHINERY CO., LTD.
DEWSBURY ROAD, LEEDS.



THE "SPEEDY"

Combined Mixing & Grinding MILL.

Ointment. Tooth-Paste.

FOR PERFECTLY MIXING dry powders with a liquid, or semi-liquid, then grinding the whole into a velvety, smooth, homogeneous paste.

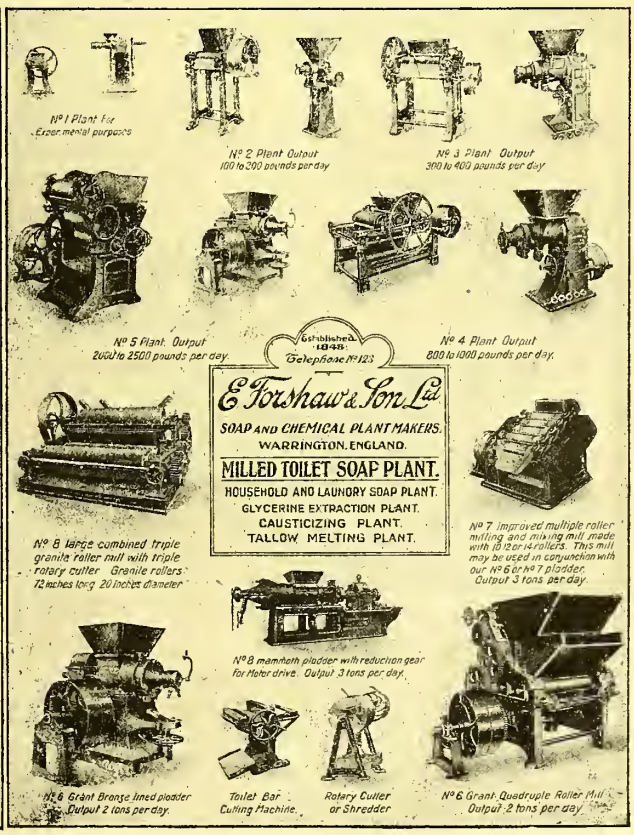
ANY degree of fineness or coarseness may be obtained by adjustment while the mill is running.

Write for lists of this and other Machinery to the Makers

S. W. WILKINSON & CO.,
Specialists in Chemical Machinery,
WESTERN RD., LEICESTER.

Telephone: 3783 Cent. Grams: "Wilkinson, Leicester 3783"

[1]

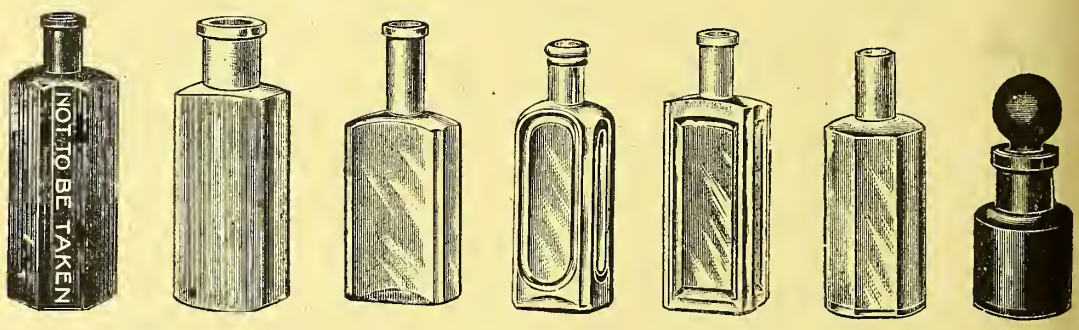


Ludford & Co.

Brooksby's Walk - - HOMERTON, LONDON, E.9.

GLASS BOTTLES

MADE EXCLUSIVELY BY BRITISH LABOUR.



ALL KINDS, FOR ALL PURPOSES, IN ALL COLOURS.
PLAIN OR STOPPERED.

Specialities: SCREW TABLETS & AMBER BOTTLES.

Telephone: Dalston 587. Telegrams: "Ludfordia, Hack, London."

ETNA BRAND

LIQUORICE JUICE. | **Sticks and Block.**

The Finest on the Market. GUARANTEED PURE.

Write for SAMPLES and PRICES. PROMPT and FORWARD DELIVERY.

Sole Importers: **LINTON, HUBBARD & ANDREW, 72-75 Fenchurch St., LONDON, E.C. 3.**

Telephone: 1892 Avenue. ABC, and Lieber's Codes. Cables and Telegrams: "LINTEOLO LONDON."

HAVE IT ON 14 DAYS' TRIAL!

The "Improved Dudley" Cash Till No.CD/3304 will be sent on 14 days' trial on receipt of Cash or two wholesale London trade references.

Made from well-seasoned wood, stained and polished to imitate richly coloured mahogany. Size 18 × 9 × 7½. Lid fitted with lock and key. Recording paper 3¾" wide. Automatically rings warning bell every time cash drawer is opened.

85/- each.

"Improved Dudley" Till Coils 5/- doz.

DUDLEY & COMPANY, HOLLOWAY, LONDON, N.7.

City Showrooms: 25 Wood St., E.C.2.

ESTABLISHED 1839.

CHEMISTS' OVERALLS

From GARDINER & CO.

We supply protective overalls in any colour or style required. They are made by experienced hands for all branches of the Chemical trade.

KHAKI DRILL -	12/6, 16/11, 21/6, 24/6
WHITE DRILL -	14/6, 17/6
BLACK DRILL -	18/6
HOLLAND DRILL -	19/6

Sizes 34, 36, 38, 40, 42 and 44 inches over waistcoat.

SPECIAL QUOTATIONS FOR QUANTITIES.

GARDINER & CO. (THE SCOTCH HOUSE) LTD.

1 Commercial Road, E. 1.

Teleg.: "Durastyle, Phone, London." Phone: Av. 6650 (4 lines).

BOTTLES.

I can supply BRILLIANTINES, LIMES, OVALS, VIALS, CANNONS, KALIS, SCREW JARS, MEDICAL FLATS, SAUCE BOTTLES, &c. &c. Wholesale quantities only. Your inquiries solicited.

G. VAN DER HOEK, 324/5 Bank Chambers, 329 High Holborn, LONDON, W.C.1.

The **W** *Brand of Hand-Moulded*

BOTTLES

AND

MEDICAL GLASSWARE

Free from dangerous "frosted glass."

.....

Finest Quality Dispensing Bottles, Poisons, Cheltenhams, Chest Squares, Shop Rounds, and Bottles for Proprietary articles, in various colours. Feeding Bottles and Sterilizing Milk Bottles in Heat - Resistant Glass.

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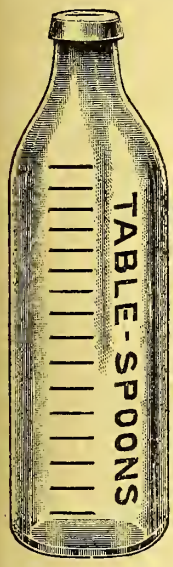


STERILIZING MILK BOTTLE.

DISPENSING BOTTLE.

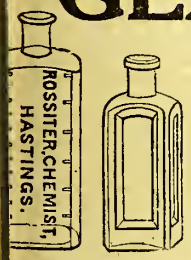
Wholesale only—

WOOD BROS. GLASS CO. LIMITED,

(Established 1828) BARNSLEY, ENGLAND.

GLASS BOTTLES

WHOLESALE and EXPORT



Medical Flats { Best Quality, Quinine Tinted. Pale Tinted, 2nd Quality.
Panels ,, Pale Green.
Vials, White Flint. All sizes.
Poisons. Actinic Green, Blue or Amber.

SAMPLES AND PRICES UPON APPLICATION TO—

FARROW & CO., 87 Borough High Street, LONDON, S.E. 1.

Telephone—HOP 3222.

LAMP-BLOWN GLASSWARE

Our methods are new and are such that we can supply much better articles than usual, and give quick delivery. In particular, we have developed the art of annealing small glass articles to perfection, with the result that the breakage factor has been enormously reduced.

Our Special Lines include : Flat Bottom Tubes, Ampoules, Serum Ampoules, Nasal Douches, Syringes, Menthol Inhalers, etc.

INQUIRIES INVITED.

JOHN TYE & SON, 457 Caledonian Road, LONDON, N. 7.

Collapsible Tubes

You can be sure of getting

The Best Service and Delivery,
The Highest Quality & Finish
The Lowest Current Prices

FROM

Betts & Co. Ld.
1, Wharf Rd., City Rd.
London, N.1.
Established 1857.

A
PHILIP JOSEPHS & SONS LTD.
SHOWCASE QUICKLY EARNS ITS COST.

Try One!

93 OLD ST., LONDON, E.C.1.
Phone—9057 London Wall. Wires—"Josiphiah London."

TINS Plain and Decorated, Airtight, Lever & Hinged-Lid Containers, Japanned Medical Cabinets, Toilet Utensils.

G. H. WILLIAMSON & SON'S LTD.

Providence Works, Worcester. Linacre Lane, Bootle.

BATTLE'S
WEED KILLERS
LIQUID & POWDER.

PACKED UNDER CHEMIST'S OWN NAME

Write for Particulars.

BATTLE, MALTBY & BOWER,
Victoria Chemical Works, LINCOLN.

"Corruganza" SEAMLESS PILL BOXES.

THE phenomenal success of the "Corruganza" Seamless Ointment Boxes has induced us to offer a series of Pill Boxes made on the same **One-Piece** principle. Stocked in usual sizes.

They cost a little more than the Ring and Disc style, but THEY HOLD THE GOODS, and do not fall to pieces in handling or in the pocket.

"Corruganza" SEAMLESS OINTMENT BOXES

Have replaced the old willow boxes.

The bottoms cannot fall out.

Greaseproof.

Manufacturers of all kinds of Cardboard Boxes, Folding Packets, Tubes and Canisters, Fibre-Board Packing Cases, Corrugated Paper, &c.

Wholesale or Export only from

HUGH STEVENSON & SONS,
LIMITED.
Summerstown Works, London, S.W.17
And at Manchester, Birmingham, Leith, Perth & Glasgow.
Kindly mention this Journal when replying to the advertisement.

Summer Time Trade

Write NOW for Samples of

STRAW HAT CLEANER
AND
FOOT-BATH POWDER
— ENVELOPES —

Stocked in Neat Coloured Designs

Price with Chemist's own Name and Address
25/- per 1,000
Dispatched in 10 days

FREE SHOWCARDS AND GOOD FORMULA SUPPLIED

SUTTLEY & SILVERLOCK, Ltd.
The World's Label Printers
BLACKFRIARS, LONDON, S.E.1

Let "Rodine" bring you New Customers

Many Chemists who have the "Rodine" Agency, particularly several who were recently appointed, have been proving that the local advertisem nt has brought in much n.w business.

SEE THE FOLLOWING TESTIMONIALS :—

April 9—Mr. A. Ashfield, Chemist, Shanklin, Isle of Wight, writes: "Thanks for inserting my name as Agent in the local paper. It certainly increased my Sales."

April 14—Mr. A. R. Cross, Chemist, Enfie'd Highway, writes: "I find that your advertisement in the local press is stimulating S les."

April 15.—Mr. W. T. Tucker, Chemist Lewisham, writes: "I appreciate th fact that you are evidently advertisin me as an Agent; I don't know what in but customers mention it."

April 16.—Mr. G. E. Griffiths Chemist, Leyland, writes: "You district newspaper advertisement bring new customers."

It is worth while being a "Rodine" Agent, as not only have you an efficient weapon for the Gre t Rat War that brings in new and s tisfied customers, but it yields nearly 100% Protected Profit—every 1/3 tin sold me ns 7d. put to profit. Join the ranks of the sati fied Chemists! Push "Rodine"—it pays! Write NOW for the Agency terms to the Sole Maker—

T. HARLEY, *Manufacturing Chemist,* **PERTH, Scotland**

BUY—

THREE STAR

BATTERIES

and have **THE BEST.**

Ask your Factor for "Three Star," or write direct to the Manufacturers

Made entirely in England with British Capital and British Labour

SUNLIGHT MANUFACTURING CO., LTD.

Telephone: Tottenham 2208.
Telegrams: "Sumabatry, Tottlane, London."

PAXTON ROAD, TOTTENHAM, N.17.

RECOMMEND

JOHN BOND'S

"CRYSTAL PALACE" MARKING INK

6d. size in enlarged square Bottle (as illustrated)

16 YEARS ON THE P.A.T.A.

A STRAIGHT 6d. and 1/- LINE.

The public buys more "John Bond's" every year. A word of suggestion will often sell a bottle: Marking Ink is one of the things of which people need to be reminded, and they will always take "JOHN BOND'S," which is warranted to fulfil every requirement.

YOUR WHOLESALE HOUSE KEEPS IT!

6d. size, 4/3 doz. (30% profit); **1/- size, 8/- doz.** (33⅓% profit).

A Linen Stretcher and Special Marking Pen given with the 1/- size.

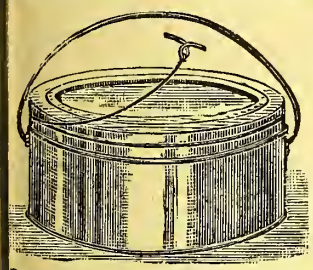
WORKS:

75 SOUTHGATE ROAD, LONDON, N.1.

Wholesale Terms.

Minimum—1 gross **6d.**, **44/-** or mixed order to same value; 1 gross **1/-**, **80/-**; subject to customary discount on quantities. **£2 4s. 0d.** and up carriage paid.

The Northern Tin Canister Works,



Patent Air Tight Slip-lid Tin For Export.

6 Mersey Street, **LIVERPOOL.**

Manufacturers for the Chemical Trade.

TIGHT SEAMING & VARNISH BOTTLES A SPECIALITY.

Prompt Deliveries Assured.

INCREASE YOUR SALES

by linking up with our Summer Advertising Campaign. Full pages have been booked to appear weekly in all the leading newspapers and journals. The increasing demand for

Dr Scholl's Foot Comfort Service for Men and Women

DEVICES FOR ALL FOOT AILMENTS

Write for Illustrated Catalogue.

will have to be met. Order your requirements now. Dr. Scholl's Appliances and Specialities will enable you to give instant relief & permanent correction to any type of foot ailment.

THE SCHOLL MFG. CO., Ltd., 1-4 Giltspur Street, E.C. 1.

CORKS The Best Value in the Trade.

ESTABLISHED 150 YEARS.

Importers & Manufacturers of all classes of Corks

USED BY

WHOLESALE CHEMISTS, DRUGGISTS, &c.

Samples & Prices Free on Application. Special Terms for Contracts & Export Orders.

JOHN DEIGHTON & CO. *Contractors to H.M. Government, War Office, etc.* **YORK, ENGLAND**

ROLL FILMS DEVELOPED

AND DESPATCHED DAY AFTER RECEIPT.

Express Developing Co.,
23 Osborn Street, London, E.1.

Speciality: Chemists' Enlargements and ALL Practical Photographic Work.

Contact Prints
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Send for Price List of our Profitable Chemists' Side Lines.

TINS

The NORTH LONDON TINWARE Co., Ltd
Crondall Street, Hoxton, LONDON, N.1
Manufacturers of
TIN BOXES and CANISTERS *FOR INFANTS' FOOD, PETROLEU JELLY, AND OTHER ARTICLES.*
Round and Square TIN BOTTLES, PLASTER CASES, &c
Telephone : 2466 Central.

Cardboard Boxes and Composite Containers.

SHOP FRONTS

INTERIOR FITTINGS.
Pharmacies Designed and Fitted.
Glass Facias and Signs.
Personal Supervision. *Best Workmanship.*

H. MILLS & SONS

The Premier
CHEMISTS' SHOPFITTERS,
163-165 Old Street, LONDON, E.C.1
Factories - - ISLINGTON, N.

WESTMINSTER COLLEGE OF PHARMACY.

WILLS' UNIVERSAL POSTAL SYSTEM

Fee (British Isles) £1-1-0.
For Qualifying, Preliminary and Apothecaries Hall Examination.

Full particulars from The Principals,
190 CLAPHAM RD., S.W. 9.

Your Opportunity to QUALIFY in OPTICS

EXPERT Tuition by Correspondence for the SIGHT-TESTING DIPLOMAS of the Worshipful Company of Spectacle Makers (F.S.M.C.) or the British Optical Association (D.B.O.A.) *Write for full particulars.*

C. A. SCURR, M.P.S., F.S.M.C. — F.I.O., Etc.—
64 HIGH STREET, BARNET.
(Please note Change of Address.)

BARTONS BRITISH MOUNTS BIRMINGHAM ALBUMS

BRITISH

SPECIAL OFFER

We believe that our Albums have only to be examined to demonstrate the undoubted fact that for value and artistic merit

BARTONS BRITISH ALBUMS ARE PRE-EMINENT

In order that live dealers should have this opportunity, we are making the following offer:-

We will send Carriage Paid, to your door Case Free a £5 net. parcel of assorted styles upon receipt of cash or approved trade references. In addition we will include *without charge* a specimen of each of two recent productions namely:-

THE "NOCTURNE" ALBUM and THE "NEGRO" ALBUM.

all black Albums with artistic surfaced leaves, Gilt Blocked Covers with cords to match, together with specimen sets of our new and latest range of Art Boards, Papers and Tints and a sample "Quadro" Frame (metal passe partout) with cut-out mount for the Amateur.

Before placing your season's order send for one of our special £5 parcels.

BARTONS (BIRMINGHAM) LTD.,
COSWAY WORKS, HANDSWORTH, BIRMINGHAM.

To ensure the best results, forward your Films to

FOX

Developing & Printing Roll Films, Cut Films or Plates.

Size	Developing per dozen	Printing per dozen
		Black and White
All sizes up to 3½ × 2¾ inclusive	1/-	2/-
4½ × 2½	1/6	2/6
¼-pl. No. 2 C. Kodak	1/6	3/-
5½ × 3½ 5 × 4	2/-	3/6

Printing Postcards, 3/6 dozen.
Subject to 33⅓ % trade discount.

FOX FOTO SERVICE, 8 Castle St., SHEFFIELD.

24 HOURS' SERVICE FILMS & PRINTING

Enlarging in all Processes. Postcard Printing and Novelties in Portraiture.

SPEED AND QUALITY.

Send for Price List and Trade Terms to-day.

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Telep.—4827 Central. Tel. Address—"Studio."

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AND PRINTING ROLL FILMS.

Join the live wire service, All work returned same day.

PRICE RIGHT—QUALITY UNEQUALLED.

Write for List "J" to-day.

WALLACE HEATON LTD.

CHANGE ALLEY, SHEFFIELD.

BOOKS FOR PHARMACISTS

Send us a postal card and we will send you a 32-page catalogue of professional and business books for pharmacists, and a copy of

"THE SPATULA"

an illustrated monthly magazine for druggists, full of American snap and enterprise.

THE SPATULA PUBLISHING CO.
BOSTON 14, MASS., U.S.A.

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AND DESPATCHED DAY AFTER RECEIPT.

Express Developing Co.,
23 Osborn Street, London, E.1.

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Contact Prints
Coloured Miniatures
Post Cards
Carbons

Send for Price List of our Profitable Chemists' Side Lines.

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TIN BOXES and CANISTERS *FOR INFANTS' FOOD, PETROLEUM JELLY, AND OTHER ARTICLES.*
Round and Square TIN BOTTLES, PLASTER CASES, &c.
Cardboard Boxes and Composite Containers.
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INTERIOR FITTINGS.
Pharmacies Designed and Fitted.
Glass Facias and Signs.
Personal Supervision. Best Workmanship.

H. MILLS & SONS
The Premier
CHEMISTS' SHOPFITTERS,
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Factories - - ISLINGTON, N.

WESTMINSTER COLLEGE OF PHARMACY.

WILLS' UNIVERSAL POSTAL SYSTEM

Fee (British Isles) **£1-1-0.**
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COSWAY WORKS, HANDSWORTH, BIRMINGHAM.

To ensure the best results, forward your Films to

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Developing & Printing Roll Films, Cut Films or Plates.

Size	Developing per dozen	Printing per dozen Black and White
All sizes up to 3¼ × 2½ inclusive	1/-	2/-
4¼ × 2¼	1/6	2/6
¼-pl. No. 2 C. Kodak	1/6	3/-
5¼ × 3½ 5 × 4	2/-	3/6

Printing Postcards, 3/6 dozen.
Subject to 33⅓ % trade discount.

FOX FOTO SERVICE, 8 Castle St., SHEFFIELD.

24 HOURS' SERVICE FILMS & PRINTING

Enlarging in all Processes. Postcard Printing and Novelties in Portraiture.

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Send for Price List and Trade Terms to-day.

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Join the live wire service, All work returned same day.

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WALLACE HEATON LTD.

CHANGE ALLEY, SHEFFIELD.

BOOKS FOR PHARMACISTS

Send us a postal card and we will send you a 32-page catalogue of professional and business books for pharmacists, and a copy of

"THE SPATULA"

an illustrated monthly magazine for druggists, full of American snap and enterprise.

THE SPATULA PUBLISHING CO.
BOSTON 14, MASS., U.S.A.

Telegrams: "Aybelim, Finsquare, London."

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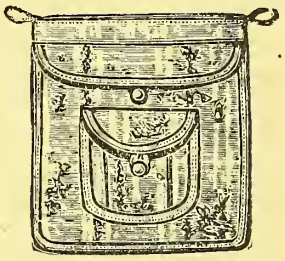
SHOWROOMS AND WAREHOUSES } **15 & 17 WORSHIP ST., LONDON, E.C. 2.**

MANCHESTER AND **GLASGOW**

77 LOWER CHATHAM ST. 11 MILLER ST.



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SHOWROOMS

TO VIEW OUR

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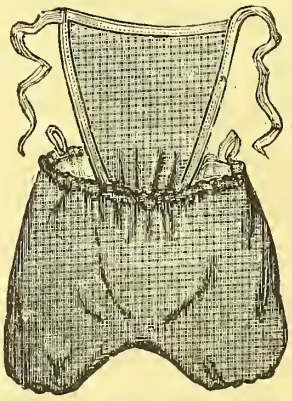

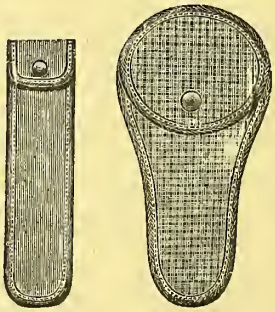

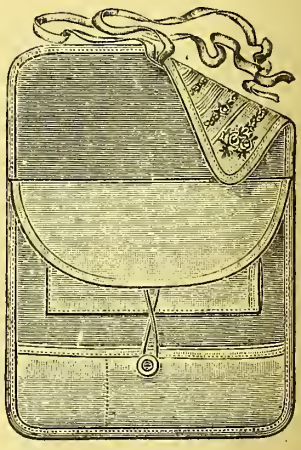

(28)

THE CHEMIST AND DRUGGIST SUPPLEMENT

42 CANNON ST.
LONDON E.C.4

MAY 7, 1921

This Supplement is inserted in every copy of The Chemist & Druggist.

HE CHEMIST AND DRUGGIST SUPPLEMENT
REVISED ADVERTISEMENT TARIFF.

nesses Wanted and for Disposal, Premises et, Goods and Shopfittings for Sale, and ncies: 6/- for **50** words; every additional **10** words or **6d.**

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h case replies may be addressed to a registered number or nom-de-plume, c/o this Office, **at a charge of 1/- extra** for each isement.

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lvertisements are prepaid, so that remittance must accompany instructions in each case. If it be necessary to telephone or telegraph ent announcement this may be done, provided the money is telegraphed at the same time.

THE CHEMIST AND DRUGGIST, 42 Cannon Street, LONDON, E.C.4.

Telephone: Central 3617 (3 lines). Telegrams: "Chemicus, Cannon, London" (2 words).

RLIER CLOSING FOR PRESS.

Will advertisers please note that until further notice it will be necessary that Advertisements led for the Supplement must us not later than the FIRST POST THURSDAY MORNING.

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ssrs. ORRIDGE & CO., 56 Ludgate Hill, E.C.

Telephone No: City 2283.

May be consulted at their Offices on matters of SALE, PURCHASE, and VALUATION.

NDON, W.—For disposal, for removal purposes, a well- stock, together with the fixtures and goodwill, of a very olished Pharmacy; the whole requiring an investment of 2,000; banker's reference required.

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9.—NORTH WALES. Old-established Business, well situate in good market town; returns, present rate, about £2,000 per annum; comfortable residence; nice garden; healthy district; price £1,000 oash.

10.—WEST MIDLANDS.—Well-established Business, situate in small town; returns about £1,300; *profit* (*net*) 25%; vendor estimates the value of stock and fixtures at £900; there is a comfortable residence, with fruit garden and lawn; the premises may be purchased if desired; price for Business £900.

11.—SCARBOROUGH.—Cash Retail Business; returns £3,000 per annum; *gross profit one-third*; inclusive rent £120 yearly; owing to the vendor's illness a prompt sale is necessary; terms, simply the valuation of stock and fixtures.

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13.—NORTH-WEST COAST SEAPORT.—Cash Retail Business; established upwards of 50 years; returns last year between £3,000 and £4,000; *gross profit* £1,300; well-fitted shop, fully stocked; seven-roomed house; private entrance; rent £40; held on lease; price £2,150.

14.—SURREY.—Good-class Retail and Dispensing Business, situate in a favourite residential town within easy distance of London; returns, under management, about £3,600 per annum, at good prices; well-appointed shop, fully stocked; the Business offers scope for extension under personal supervision.

VALUATIONS FOR STOCKTAKING.

O. & Co. desire to emphasize the necessity of a periodical Statement of Account, by which means alone **Profit, lue of Business, &c.,** can be determined. Involving as this does the labour of Stocktaking and Valuation, it is often omitted and eventually becomes the cause of confusion and loss.

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Telephone: 1809 CENTRAL.

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2.—HAMPSHIRE.—Very profitable cash retail and prescribing, with N.H.I. and own specialities. Returns about £900; plenty of scope; rent £30; comfortable five-roomed house, garden, etc.; good position, price £550.

3.—LONDON, N.—Old-established quick cash retail and dispensing business, increasing. Returns about £2,700; good position; low rent; long valuable lease. Seven-roomed house and large shop, heavily stocked. Price £1,800.

4.—NORTH LONDON (few miles out).—Profitable cash retail and Prescribing business, increasing; returns £1,200; neatly fitted and good stock; low rental; small but comfortable residence attached; price £750.

ESTABLISHED 1870.

The Association of Manufacturing Chemists

— LIMITED —

Head Offices —26/28 Kimberley House, Holborn Viaduct, London, E.C.1

(and at 2 Bixteth Street, Liverpool).

PHONE: CITY 6942.

Stocktaking and Valuations for all purposes undertaken upon Reasonable Terms.

1.—NEAR LUDGATE CIRCUS.—Good-class Cash Business; returns £57 per week, at excellent profits; rent £80 per annum; established 30 years, and in present hands 6 years; lock-up shop; good reasons for disposal; price £2,000, or offer.

2.—PADDINGTON.—Good-class Family, Dispensing, and General Retail Business; returns £1,800 per annum, which could be greatly increased; long lease at £65 per annum, which includes excellent living accommodation; large corner shop and spacious cellar; price £1,000.

3.—LONDON, W.C.—Nice Retail Dispensing Business, in main and very busy thoroughfare; handsomely-fitted and well-stocked shop; returns about £1,300 per annum, with scope for increase; price £1,000, or offer.

4.—EARL'S COURT.—Old-established Dispensing and Retail Business; neglected, but with excellent opportunity for energetic Chemist to make good business; nicely-fitted shop in busy thoroughfare; offers invited.

5.—EPSOM DISTRICT.—Good-class Family Retail Dispensing and Photo Business; newly fitted and decorated shop; returns £1,300 per annum, with plenty of scope for increase.

6.—Two small Manufacturing Chemists' Businesses for Sale, situate near London; excellent factory accommodation; held on 20 years' lease at a very low rental. Fullest particulars on application

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Recommended by the British Drug Houses, Ltd., M Meggeson, Ltd., Messrs Barclay & Sons, Ltd., and other leading Wholesale Houses.

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£2,000 (at the rate of this year); NORTH WALES.—De locality; good-class Retail, with several well-established P taries; good house and large garden; price £1,100.

£1,240 RETURNS; MIDDLESEX.—Well-fitted shop, house; net profit £500; good middle-class Retail; no N ill-health sole cause of sale; price £1,000.

LEGAL.

NOTICE IS HEREBY GIVEN that the Partnership her subsisting between us, the undersigned, GE ALEXANDER GODDON and STANLEY RICHARD COKE, ing on business as Manufacturing Chemists at 49 Lambs C Street, London, W.C., under the style or firm of "God Coke," has been dissolved by mutual consent as from the th day of April, 1921. All debts due and owing to or by th late Firm will be received or paid by the said Stanley R Coke at No. 11 John Penn Street, Lewisham, S.E. 13 such business will be carried on in the future by the said Alexander Goddon at 49 Lambs Conduit Street, W.C., a the said Stanley Richard Coke at No. 11 John Penn Lewisham, S.E. 13.

29th day of April, 1921.

GEORGE ALEXANDER GODD
STANLEY RICHARD COKE.

FINANCIAL.

HIRD Share in Proprietary Line (registered trade-mark) can be secured for £1,000; sales last year over 60,000; d by leading Wholesale houses; owner can greatly increase ss with additional capital, and for this reason only offers share; no services necessary; particulars at interview. ease" (P.C.B. 82/31), Office of this Paper.

BUSINESSES FOR DISPOSAL.

for 50 words or less; 6d. for every additional 10 words or less, prepaid.

dvertiser may if preferred, have replies addressed to this ce, and forwarded on payment of an additional charge of 1/-.

MINGHAM.—For Sale as going concern, Limited Company one shop only); double-fronted shop; full wine licence; , under unqualified management, £20 per week (before £30, increasing); rent £30 per annum; vacant possession f house attached; price £600; stamped envelope for reply. Office of this Paper.

BRIDGESHIRE.—Old-established Light Retail Chemist's usiness; side-lines Photography and Electricity; fine lock-up well stocked; in main thoroughfare; reason of sale illness prietor. For further particulars apply "Mab" (90/26), f this Paper.

DON, W.—A high-class West-End Business is now for sale wing to the death of the late proprietor; large connection octors, Nursing Homes, and a type of business that does ten come into the market; price about £9,000. Apply 9/22E), Office of this Paper.

DON, W.C.—For Sale by private treaty, in a most prominent horoughfare, excellent and old-established Business, Retail s and Druggists; large and growing Counter trade. Apply Office of this Paper.

DISTRICT.—Good-class Mixed Business; General and gricultural; returns last year £1,750; full wine licence; shop; house available; as a prompt sale is necessary, dor will accept £1,400 or reasonable offer. Apply Chas. C. , Chemists' Valuer, 44 Sholebroke View, Leeds.

ANDS.—A Chemist's Business for immediate disposal, ving to ill-health; returns over £2,000; Wine Licence, and Gilbey's agency; best position in an industrial town, rmingham; 8-roomed house, with side and back entrance; varehouses; rent £65; stock and fittings estimated at ; to be sold either as a going concern or at valuation of fixtures, etc., plus a normal amount for goodwill; stock reduced to suit purchaser. Apply 91/31, Office of this

PSHIRE.—For Sale, an old-established Pharmacy, situated best position in town, in a good agricultural centre; large ith garden attached; long lease; wine and spirit licence; gencies, with mineral-water factory and beer and stout ; good paying concern; applications for purchase invited. "Salop," c/o Messrs. Evans Sons Lescher & Webb, Street, Liverpool.

HERN COUNTY.—For Sale, good Family, Dispensing, and ricultural Business, returns £4,000, to be sold at valua- stock, fixtures, etc., and fixed sum for goodwill, or lump N.H.I. Dispensing, Photographic, or Mineral Waters; h buyers need apply. Apply 89/11, Office of this Paper.

RTISER, retiring, offers his old-established Business for le; Surrey riverside; half-hour from Waterloo; returns ,000, with exceptional profits; unique and unopposable ; proper account books kept and every investigation £2,200 required; bona-fide buyers only please apply, with es; interview by appointment. 92/9, Office of this Paper.

-CLASS Business in market town and holiday resort; pensing, usual Retail, Veterinary, Photo, with opening cs; good sale own preps.; well-fitted and stocked shop, position; house and garden; light expenses, lease; season inning, turnover approaching £3,500, and increasing; 2,200; cash buyers to take over soon. "Yorkshire" Office of this Paper.

Retail Chemist's Business; turnover £1,500 to £2,000; me Counties or any residential town; or £10 offered for for new Business, if acted upon. Replies, in strict con- 91/28, Office of this Paper.

LESALE.—Two small Manufacturing Businesses for Sale; ndid factory, warehouse, and office premises; long and lease; part premises let off, leaving net rent of only uine reason for disposal. Write for interview, "Alpha" 32/310), Office of this Paper.

AGENCIES.

6s. for 50 words or less: 6d. for every additional 10 words or less, prepaid.

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OLD-ESTABLISHED house in the Midlands, making Toilet Soaps, Perfumes, and Toilet Preparations, are desirous of getting into communication with a firm having a good connection amongst Chemists, with a view to arranging for such a firm to act as sole selling Agents in the United Kingdom for the above lines. Apply 89/13, Office of this Paper.

MANUFACTURER of a superior-quality and attractively packed Coconut-Oil Shampoo is prepared to appoint sole Sales Agent for U.K.; applicants should indicate their faculties for handling the article effectively. 24/59, Office of this Paper.

PART-TIME Agents wanted to represent a high-class firm manufacturing Toilet Soap and Toilet Preparations calling on Grocers and Chemists, for Westmorland, Cumberland, Northumberland (excluding Newcastle and the Shields), Cornwall, Devon, Somerset, Dorset, Wiltshire, Norfolk, Suffolk, Cambridge, and part of Essex; would consider also Dumfries, Kirkcudbright, and Wigtown; good commission given; no expenses. Apply 6/65, Office of this Paper.

FOR SALE.

CASH Register Till; £12 12s. model; strong dove-tailed case; richly French-polished; patent check-action drawer; large cash capacity; accept £4 4s. Also smaller model, £3 5s. Approval willingly. 3 Aubert Park, Highbury, London, N. 5.

CHEMIST'S Fittings, comprising Counter, Showcases, Nests of Drawers, Wall Fixtures, Window Fitments, and Glass Shelves, pear-shaped Carboys and Stands, and other items from a closed-down Chemist Shop; offers wanted. Apply A. W. Webber, 6 Great Barr Street, Birmingham.

DENTAL SURPLUS STOCK.—6 1-oz. Mylocal, 1 4-oz. Mylocal, 9 2-oz. Alvatunder, 3 P.D. Locosthetic, 30s.; 6 Metal Hypodermic and 1 Glass Syringes, 20s.; 1,000 odd Diatoric Teeth, 75s.; 1 Dm. Co.'s 7 Voltmeter, 40s.; 1 Saliva Ejector, metal, 1 Mouth Mirror, 4 pairs Dressing Forceps, 7s. 6d.; 400 Burs Straight and R.A., 37s. 6d.; 42 Scalers, Fillers, and Excavators, 40s.; 7 pairs Forceps, 15s.; 2 Brass Lathe Chucks, 14 Handled Scorpers, 12s.; 1 Handled Mouth Gag, 5s.; 28 Vulcanite and Metal Files, 14s.; the lot, £13 10s. E. A. Holloway, Broadway, Southend-on-Sea.

OPTICAL Trial Case, by Young, Edinburgh; Convex and Concave 0.50D. to 18.0D.; Cylindricals + and − 0.50D. to 6.0D.; Prisms, Coloured Lenses, Trial Frame; complete in lock-up mahogany case, as new; also Adjustable Trial Frame and Reversible Maddox Coloured Spectacles; what offers? Privett, Clacton-on-Sea.

SUPERIOR Chemical Balance, "Oerfling"; Decimal and Pharma. Weights; Glass Case, Drawer. J. R. Gotz, 14 St. John's Park, N. 19.

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FOR SALE,

large and commodious modern Factory Premises, situated off Clerkenwell Road, near Farringdon Street Station, in centre of Wholesale Drug trade, floor space about 30,000 square feet, well built under L.C.C. requirements, electric lift. Two stone staircases, extensive and light basement with ground floor and three floors above, centre heating all through building. All floors concrete, covered with timber flooring. This factory to-day would cost over £100,000 to build. Owner would accept £50,000 or near offer, and willing to leave two-thirds on mortgage, or would be willing to let on reasonable terms. Apply "J. C. C.," 97 High Holborn, W.C. 1.

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AN opportunity is offered to an energetic and enterprising man to obtain a partnership in an old-established and select Dispensing Business, with a Branch, in a popular health resort; there is a good house available; capital required, £2,250. Apply to "Pharmakos," c/o B. D. H., Graham Street, London, N. 1.

PARTNERSHIP desired by young Pharmacist; energetic; experience of Retail Dispensing and Photographic. Full particulars, 90/19, Office of this Paper.

BUSINESSES WANTED.

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SOUTH WALES.—Sound Retail Chemist's Business required, in South Wales; town or colliery district; returns about £1,500 to £2,000 per annum; must be plenty of scope for increase; in reply, please give full particulars, which will be treated in strict confidence; banker's reference given. Apply "Wales" (91/13), Office of this Paper.

GENUINE Business required, yielding not less than £500 a year net profit; London suburb or Home County. Apply 92/120, Office of this Paper.

PHARMACY or Drug Store, within 50 miles of Newcastle-on-Tyne; Durham county preferred, but not essential; returns about £1,500 or over. Particulars in strict confidence to 92/32, Office of this Paper.

SMALL Business required; returns about £1,000 a year; suburb, or within 50 miles of London preferred; house accommodation essential. Apply 92/12, Office of this Paper.

WANTED, by advertiser, who is disengaged, with cash ready, good-class Business, either in healthy country district, South of England, or coast watering place, with turnover from £2,000 to £3,000 annually; banker's and Wholesale references given; no agents. "Purchaser" (91/35), Office of this Paper.

SITUATIONS OPEN.

RETAIL.

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BIRMINGHAM.—Junior for good-class Dispensing and Photographic business; outdoors; no Sunday duty; state age, experience, and salary required. H. H. Marshall, Pharmacist, Moseley.

BRIGHTON.—Wanted (immediately), unqualified Assistant, about 20, for high-class Dispensing, Retail, and Photographic business; full particulars in first letter; applications unanswered in four days respectfully declined. Franklin & Co., 86 King's Road.

CAMBRIDGESHIRE.—Unqualified Assistant, used to Agricultural; knowledge Photography; easy hours; permanency to suitable man. State salary, 92/8, Office of this Paper.

DEVON COAST.—Wanted (early as possible), smart, intelligent Assistant; well up in Dispensing, Counter, and Photography; give full particulars in first letter as to age, salary, experience, and enclose photo. Manager, 1 Orchard Gardens, Teignmouth.

FELIXSTOWE.—Immediately for season, competent Assistant for Dispensing and Counter in high-class business; four kept. Usual particulars to H. F. Douthwaite, Pharmaceutical Chemist, Felixstowe.

LIVERPOOL.—Qualified Branch Manager; must have initiative, be capable of increasing neglected business, good Window-dresser, knowledge of Photography. Also Assistant; unqualified; reliable Dispenser; must be thoroughly capable. Usual particulars and salary required; applications not answered within week respectfully declined. Apply 90/39, Office of this Paper.

LIVERPOOL.—I want a Manager or Senior Assistant for my Edge Lane Pharmacy; must have had a sound training and solid experience; Counterman, Dispensing, Salesmanship, Prescriber, Window-dresser, and able to supervise staff (4); state whether qualified (not essential); knowledge of Photographic goods; full particulars and salary expected. Harold Lomax, M.P.S., Rexall Chemist, 43 Edge Lane, Liverpool.

LIVERPOOL.—Assistant, Improver (19 or 20), just finished apprenticeship would suit, quick Cash Counter trade; knowledge of Photographic sales an advantage. Full particulars and salary required to commence, Banner's, Ltd., 266 Smithdown Lane, Liverpool.

LONDON, E.C.—Smart Junior wanted for City Business; mainly for Counter and putting up stock. Apply, giving the usual particulars and stating salary required, to 13/37G, Office of this Paper.

LONDON Suburb, W.—Smart qualified Manager for good Middle-class Retail and Dispensing Business; age 30-45; capable of increasing business and up to date. Give experience, salary required, references, etc., 92/19, Office of this Paper.

MIDLANDS.—Junior Assistant required, chiefly for Dispensing, with experience in good-class business; residential district Warwickshire. Apply 90/16, Office of this Paper.

PENZANCE.—Wanted (at once or in a week or two), Assistant for 6 or 8 weeks; short hours; no Sunday nor evening duty; Photographic experience essential. Apply, stating salary required and full particulars, to S. Carter, Chemist, Penzance.

SOUTH DEVON.—Assistant wanted for Dispensing and good-class Retail; full particulars of experience, age, and salary required (outdoors). Apply 92/26, Office of this Paper.

SOUTH WALES.—Qualified Manager; must speak Welsh; ex lent opening; permanency to the right man, with libe interest in the profits; house free. Apply 25/11N, Office of t Paper.

TYNESIDE.—Qualified Assistant required for small Pharm in working-class district; state experience, salary requi married or single. Apply 89/19, Office of this Paper.

WEST END.—Competent Assistant, able to take control, first-class Dispensing and Retail. References and sal required to 91/22, Office of this Paper.

ASSISTANT, unqualified, with some Photographic and Wind dressing experience, for good-class store business; s age, height, experience, and references, also salary requi Durbin & McBryde, 112 North End, Croydon, near London.

ASSISTANT, unqualified (male or female), for Retail and pensing; good part of East London (Essex); state particulars of experience, age, and salary required, also re ences; those not answered within a week respectfully decli Apply 90/33, Office of this Paper.

ASSISTANT wanted; unqualified; lady or gentleman; work class district; easy hours; no Sunday or half-holiday d please state full particulars in first letter, age, experience, r ences, salary, enclose photograph, which will be returned. Hi cock, Chemist, Riddings, Derbyshire.

ASSISTANT wanted, unqualified; applicant must be young energetic; highest references required. Apply to Wm. & Sons, Ltd., 109, 111, 113 Bethnal Green Road, London, E

AT once, unqualified Assistant; age about 26; smart app ance; neat, accurate Dispenser; good Salesman; live easy hours; comfortable berth; if personal interview canno arranged, please send usual particulars and enclose photo, t returned. Knight, Stevenage, Herts.

JUNIOR Assistant wanted for Light Retail and Photogra business; no Sunday work. Apply, stating references, ss etc., to H. Knight, 21 Broadway Market, Wimbledon, S.W.

JUNIOR (capable) required in first-class Dispensing and Re good opportunity to gain experience. Apply, with full ticulars and salary, to A. W., c/o Alsop & Quiller, 137 S Street, S.W. 1.

LEWIS & BURROWS have a vacancy for a competent J Assistant for West London; outdoors. Apply 146 Ho Bars, E.C.

LOCUM wanted, male or female, for a fortnight from May Dispensing and General Family Retail; near Manche please state terms, etc. Apply 88/39, Office of this Paper.

LOCUM, from May 17th to 28th; preferably one with O knowledge. Hall, 31 The Broadway, Crouch End, N.

MESSRS. COOPER, SON & CO., LTD., require, before Jun a qualified Assistant, chiefly for the Dispensing Cou must have had first-class experience. Apply, with full pa lars, to B. S., 24 Sloane Street, London, S.W. 1.

PARKE'S DRUG STORES, LIMITED, require the servic a qualified Manager; applicant must be energetic, rel and thoroughly conversant with Photographic trade; good L experience and highest references necessary. Apply 65 Ha Street, Camden Town, N.W., any morning between 10 11 o'clock.

QUALIFIED gentleman required as cover till son qua country village, easy reach of London; capable Dis and Prescriber necessary; no house accommodation for f therefore more comfortable for single man or widower; cations unanswered within week respectfully declined. 90/15, Office of this Paper.

QUALIFIED Manager required immediately for London bus applicant must be young, smart, and energetic, with experience of Management and knowledge of Photography. stating age, experience, height, and salary required, to sium" (30/43), Office of this Paper.

SMART unqualified relief Assistant (gentleman) for mo July in S.E. suburb; state salary and two last refer "X. Y. Z." (P.C.B. 81/16), Office of this Paper.

WANTED, qualified Assistant for Counter work and pensing; state salary required; South Staffordshire. 90/23, Office of this Paper.

WANTED, reliable lady Dispenser with good general ledge of first-class business; please state age, salary re enclose photo, with full particulars of previous engage Chave & Jackson, Chemists, Hereford.

WANTED, young, energetic Assistant, with thorough ledge of Photography, Counter, and Dispensing. stating age, height, experience, and salary required, to H 129 Gloucester Road, Bristol.

WANTED (immediately), capable Assistant; must be Dispenser and Counterman, and have undeniable refe Apply, personally if possible, or with full particulars and ences in first letter, Harrison, Chemist, 147 Mason's Hill, Br Kent.

NTED, qualified Manager, of good appearance and address; accustomed to good-class trade; must be a pushing Salesman ood Window-dresser. Full particulars of age, height, ex- ce, and salary required, in first letter, to Lion Drug Stores, 75 West Street, Brighton.

NTED, competent Junior Assistant (male), outdoors, for Retail and Dispensing business. Apply, personally or by giving full particulars as to age, experience, references, alary required, to Lloyd, 267 King's Road, Chelsea, S.W. 3.

NG Lady wanted, used to Counter, Stockkeeping, etc.; per- onal interview required. Apply Quin & Axtens, Ltd., Drug ment, 418 Brixton Road, S.W. 9.

WHOLESALE.

for 40 words or less; 6d. for every additional 10 words or less prepaid.

dvertiser may, if preferred, have replies addressed to this e, and forwarded on payment of an additional charge of 1/-

OUNTRY Representative to offer Pills and Tablets; 20 per ent. commission; state ground covered; also London Repre- ve; small salary, expenses, and commission. "S. G."), Office of this Paper.

A FIRST-CLASS, ambitious Representative, with an excellent connection amongst Chemists of Wales and counties adjacent thereto, wanted by an old-established progressive firm of Manufacturing Chemists specialising in general packed goods, novelties, and proprietaries; to a sober, real live, up-to-date Salesman with plenty of energy and willing to reside upon territory the position offers splendid scope; good salary, expenses, commission, and encouragement given. Write, in first instance, giving age, past experience, and some idea of total remuneration expected, to "Plinth" (6/66), Office of this Paper.

ANDSOME commission is offered with exclusive territory or the sale of a Speciality Summer Beverage; last year's phenomenal. This will be found a magnificent side-line, ccessful men will be offered other valuable lines from time e, which will lead to a permanent business; only real live s need apply, as the proposition is a sound one and will a valuable addition to income; send fullest particulars, ng age, map of territory, other commissions carried, refer- etc., which will be treated in strict confidence; interview d if necessary. "Sales" (13/360), Office of this Paper.

-MAKER required by London Wholesale Druggists. Apply, ith particulars of experience, to 6/67, Office of this Paper.

LIFIED man, with Wholesale experience, required to take harge of Dry Floor. Apply, stating salary required and full particulars of experience, to F. W. G., Allen & Han- Ltd., Bethnal Green.

RESENTATIVE required to call upon Chemists with Sur- ical Dressings and up-to-date Sundries; territory, Kent, Surrey, Hampshire, Dorset. Reply P.C.B. 80/39, Office Paper, giving fullest particulars of present connection; confidence will be observed; state salary, commission, and es required.

RESENTATIVES on commission required to carry Paper nd Bags as side-line. State full details in confidence to Office of this Paper.

RESENTATIVE required by first-class London firm, manu- acturing and dealing in Chemists' Sundries (Surgical, and Fancy), Manicure Cases and Requisites, Perfumery, ust be an experienced, able man of good address, with connection amongst leading Chemists, Departmental Stores, essers, etc.; ground to be covered, Lancashire, North Wales, eland; salary, expenses, and commission. Apply, giving rticulars of age, experience, income expected, etc. (Corre- ce will be treated as confidential.) 33/34R, Office of per.

ELLER wanted for Yorkshire, for sale of Dyes and olours, chiefly in the non-textile trades; connection with , Varnish, Polish, Ink, Cabinet, and allied trades preferred; pening for thoroughly qualified man with undeniable refer- State full particulars to 43/24W, Office of this Paper.

NTED, an intelligent Granulator, for careful work; a good ppointment for an accurate and responsible man. Apply B. Cartwright, Cragmere.

RKS Chemist wanted by Wholesale Druggist in London. pply, stating salary and experience, to "Rheum" W), Office of this Paper.

TRAVELLER WANTED

by well-known Toilet Preparation and Perfumery house; must have knowledge of the trade, and provincial travelling experience desirable; a good permanent post for man of smart appearance and exceptional selling ability. Write, giving fullest particulars of experience and qualifications, to Box S.T., Holborn Advertising Service, 12 Theobald's Road, London, W.C. 1.

SITUATIONS OPEN.

(Colonial, Indian and Foreign.)

MAKING SURE.

"JA 34 BH SHANGHAI 5 28 LH
= 72 ID CHEMICUS CANNON LONDON =
JEDNYAGGYT."

This apparently unintelligible message which was delivered at our Office last Saturday morning is a tribute to the far-reaching business influence of our Journal. It is a cablegram from Shanghai in reply to an advertisement which appeared in a recent issue of "The Chemist and Druggist" Supplement. Our Shanghai subscriber asks the advertiser to defer his decision until the letter which he has posted arrives.

APPRENTICESHIPS.

SHEFFIELD.—Well-educated youth desires Apprenticeship with a Chemist in above town; only nominal wages required to commence. Apply 89/7, Office of this Paper.

SITUATIONS WANTED.

[HOME.]

RETAIL.

2s. for 18 words or less; 6d. for every additional 10 words or less, prepaid.

The Advertiser may, if preferred, have replies addressed to this Office, and forwarded on payment of an additional charge of 1/-.

A.A.A.—AS Manager or Assistant; M.P.S., age 25, disengaged, immediately desires permanency (or Locum); any district, Midlands preferred; excellent references. Full particulars and salary to "M.P.S.," Holly Dene, Penn Road, Penn, Wolverhampton.

A CAPABLE Assistant (36); unqualified; experienced middle-class Retail, Dispensing, Counter, Photographic, Sight-testing; good Window-dresser; energetic. Apply "J." (92/31), Office of this Paper.

A PHARMACIST, also Dentist; experienced and reliable; married, no family; permanency or Locum. 88 Fuller Street, Cleethorpes, Grimsby.

A RELIABLE Assistant; London and provincial experience; excellent references; moderate salary; Locum or permanency. "Chemist," 6 Eastbourne Terrace, London, W.

ALL-ROUND knowledge Pharmacy work; good Salesman; systematic; sound references; unregistered; age 28; abstainer. Harper, Lorne Hotel, Wick.

ANALYSIS of phrases used to define the word competence would show widely different interpretation, but to me it denotes ability to cope successfully with every one of the difficulties arising every day in our difficult business; that is why I claim competence. I am 36 years of age, and have 17 years' experience gained in several best-class London and provincial businesses, Dispensing, Prescribing, Agricultural, and Photographic. I have excellent references, am very active, healthy, and temperate. I am leaving my present berth on May 14th, and require a place as Assistant or Manager. Please address "Adjutor" (90/20), Office of this Paper.

AS Locum-tenens. A. H. Cooper, M.P.S., 5 Vineyards, Bath. Seven years' continued and various experience.

AS Locum; highest references; well recommended; booking forward. Brown, 74 West Hill, East Putney, London, S.W. 15.

AS Locum; Pharmacist (36), with experience and ability; preferably seaside town; disengaged June 6th to 19th inclusive. B. W., 5 Campdale Road, Tufnell Park, N. 7.

AS qualified Manager or Locum; good experience; disengaged; terms moderate. J. Fraser, 57 Cranbury Road, Fulham, S.W. 6.

ASSISTANT; 33; married; ex-service; 12 years' experience with Chemist as Apprentice and Assistant; some Surgical knowledge; can drive motor. Apply M.L. 72718, Office of this Paper.

ASSISTANT Dispenser; 27; married; 3 years' experience as Assistant. M.L. 75250, Office of this Paper.

ASSISTANT or Locum; London; long experience brisk middle-class and industrial trade; moderate salary; permanency. L., 7 Roslin Terrace, Acton.

ASSISTANT, unqualified, elderly; Chemist, Drug Stores, Counter, Dispensing, etc.; Manchester or near; good references. Apply 92/5, Office of this Paper.

AVAILABLE as Locum or Relief until May 14th inclusive; qualified, thoroughly experienced. Steel, 260 Upper Tooting Road, S.W.

BLACKPOOL or Southport.—Pharmacist, 25, desires change; Manager or Assistant; highest testimonials; well recommended. "M.P.S.," 178 Elizabeth Street, Manchester, N.

BRANCH Manager or Assistant (28), qualified; 10 years' West-End and provincial experience; disengaged; Locum or permanency "Chemious," 19 Milton Road, Hanwell.

CLERICAL.—Evening work of any kind; writing up accounts and posting up books; terms moderate. Write "F. G." (89/14), Office of this Paper.

COMPETENT Pharmacist desires re-engagement as Branch Manager or other responsible position; Eastern Counties preferred, but not essential. Kindly state particulars and salary to Manager, Market Pharmacy, Aylsham.

COMPETENT Assistant (27); qualified; first-class Dispensing and Retail experience; Photographic; would manage; industrious; disengaged. Apply "Medinal," 21 Belvedere Road, Upper Norwood, S.E.

EXPERIENCED; part or whole time; Counter, Dispensing, Books, Stock; reliable. "Locum," 122 Scott-Ellis Gardens, N.W. 8.

EX-SERVICE man desires position in Pharmacy; Dispenser or Representative; age 30; single; 6 years' experience as Chemist's Assistant; willing to go abroad. M.L. 1311/21, Office of this Paper.

HALL qualification; elderly, single, abstainer; country town or village; clean, healthy; small salary. "Law," Mossley Road, Ashton-under-Lyne.

JULY to October; seaside or country; Assistant; high-class Counter trade, all branches Photography, quick dispenser; 10 years' practical experience; excellent references. Balchin, 53 Oakwood Road, London, N.W. 11.

JUNIOR, with good knowledge of Photography, Pharmacy, and some experience of Optics, requires situation. Particulars from W. G. Kelynack, M.P.S., 11 Trinity Terrace, Abergavenny.

JUNIOR; 19; tall; disengaged June; experienced in Photography, Dispensing, Agriculture, and general Retail. Apply 90/35, Office of this Paper.

JUNIOR or Improver (17); Counter, Dispensing; three years' experience; East London preferred. Nichols, 63 Lucas Avenue, Upton Park.

L.P.S.I. (lady) wishes to hear of a vacancy in London or suburbs; first-class City experience; excellent testimonials. Apply 90/18, Office of this Paper.

LADY Dispenser seeks post; London; Hall certificate; Pharmacy trained; excellent references; Pharmaceutical and Medical. Miss Horne-Douglas, Baldock.

LADY Dispenser (Hall), experienced, desires re-engagement; Doctor or Institution; London or Lancashire preferred; please state salary. Apply 90/36, Office of this Paper.

LADY Dispenser-Bookkeeper (Hall), experienced, seeks apprenticeship with Chemist to qualify as Pharmacist. "Dispenser," 20 Westbourne Park Road, W. 2.

LADY Dispenser (Hall) seeks post, Doctor or Institution, or would take Locum; experienced; testimonials. Apply 92/25, Office of this Paper.

LOCUM or permanency in Institution required; lady, qualified Dispenser, good experience; references. Apply 90/40, Office of this Paper.

LOCUM or permanency; qualified, competent, reliable, up-to-date man; exceptional references. "Pharmacist," 57 Brown Road, Walthamstow, Essex.

LOCUM; qualified; long experience; excellent references; disengaged June 11; moderate terms. "M.," 74 Culverden Road, Balham, S.W. 12.

LOCUM, qualified, experienced, disengaged. Apply W., 14 Goodwyns Vale, Muswell Hill, N.

LOCUM, or permanent responsible position wanted; qual 48; wide experience as Manager, Buyer; Dentistry, P graphy, etc.; disengaged; good references. 42 Grant Av Wavertree, Liverpool.

LOCUM; qualified; highest references; disengaged June to July 10th, August 29th onwards. Dear, 105 High S Hythe.

LOCUM or temporary situation required; qualified (24); May 8th till June 19th; references; state terms. "M.P 11 Esher Street, Middlesbrough.

LOCUM.—Lady Dispenser seeks post with Doctor, Instit or Chemist (part time or whole time); fluent French years' experience. Apply "Belladonna" (91/21), Office of Paper.

M. OLDFIELD (Pain & Bayles), who is relinquishing his ness, wishes to recommend his Dispenser (middle-age anyone requiring a trustworthy and competent Branch Ma or Dispenser; salary low; tall, gentlemanly, and of good add qualified. Henderson, 17 Cornhill, Ipswich.

MANAGER or Partnership; disengaged June 1st; 20 y best London experience. "A. B. C." (90/22), Office of Paper.

MINOR (lady), Assistant or manage branch; 11 years' exc experience Dispensing, Counter, Photography; highest ences; state terms. "Reliable" (90/21), Office of this Pap

PART-TIME required, evenings, also Saturday afternoons; S.W. preferred. Apply 91/370, Office of this Paper.

PHARMACIST, experienced, requires position as Senior Manager; energetic, wide-awake man, who requires a salary for good work; expert Dispenser, Photographer, Wir dresser, etc.; shortly disengaged; Liverpool preferred, but essential; highest references. Apply 92/33, Office of this Pa

PHARMACIST; 29; married; M.P.S.; served 4 years' ap ticeship as unqualified Assistant and Dispenser. M.L. 26 Office of this Paper.

POST in high-class Dispensary business; 23; single; M. served 4 years' apprenticeship; also experience as Dispe M.L. 7594, Office of this Paper.

QUALIFIED; 27; Locum or permanency; Photography; End and provincial experience; anywhere. Cohen, 3 P Street, Gorleston, Yarmouth.

QUALIFIED, 26, disengaged June 4th; energetic, reliable, experienced; Scotch apprenticeship and London ex ence; Window-dressing and Photography; permanency de "Willing," 26 Colmer Road, Streatham, S.W. 16.

QUALIFIED man seeks berth, any capacity; locum enterta excellent references; now disengaged. "Chemist," 4 Or Terrace, Regent's Street, Cheltenham.

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QUALIFIED; best-class Dispensing, Counter; Manager, A ant, or Locum; references long engagements; disengaged "Chemist," 23 Claremont Road, Folkestone.

QUALIFIED (46); experienced, capable; Locum, or Ma ment view permanency, with prospect gradual succes South preferred. "Cornwall" (91/25), Office of this Pape

QUALIFIED gentleman (50) desires responsible position, or permanent; excellent credentials. "Portsmouth" (92 Office of this Paper.

QUALIFIED; first-class Dispensing experience; know Photography; tall, young, single; good references. 91/37, Office of this Paper.

SMART, experienced Pharmacist Manager requires locum o manency in town or country; up-to-date in modern bus methods; disengaged; married. "Tristan," 26 Fox Hill, S.

YOUNG LADY (Hall) requires post; knowledge Retail N.H.I. "V. H.," Hurley's Library, Ritherdon Road, Ba

YOUNG French Lady, five years' Dispensing experience, references, wishes situation with Chemist or Doctor. Lampiano, 46 Upper Gloucester Place, Dorset Square, N.W.

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A REPRESENTATIVE, with live connection amongst Che and Stores in London and radius of 10 miles, is op represent a first-class Propietary house; excellent creden Particulars to "G." (91/19), Office of this Paper.

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ERTISER seeks berth as Buyer or Departmental Manager n Wholesale house; wide experience Dressings, Chemists' es; 12 years' Buyer, London house; 36. "Stethos" (P.C.B. , Office of this Paper.

liberty shortly; Drugs, Sundries, or Photographics; experi- nced Representative, with London connection leading Stores emists, is open to receive genuine offer from firm of stability s of extending and developing their business. "S. H."), Office of this Paper.

EWOMAN, or assist in Laboratory; 12 yenrs' experience n manufacture and packing Toilet and Medicinal Prepara- first-class references; London or suburbs. Apply 92/34, f this Paper.

RGETIC Representative, calling upon Chemists and Stores, ancashire, Scotland, Ireland, Wales, desires representation ouse; Packed lines and Drugs; several years present ; salary and expenses; abstainer. "Rhei" (92/17), Office Paper.

ANISING, Administrative, Travelling, or Managerial post; married; Major; M.P.S.; fluent Italian, slight French; rs in business on own account as Pharmacist; considerable trative experience in Army as O.C. Medical Stores in and Italy. M.L. 98597, Office of this Paper.

SMAN, Manager, or Buyer in the Chemical trade; 37; ngle; 14 years' experience as Junior to Departmental r, 1 year as Buyer and Salesman to Chemical Merchants, ears' experience as Manager of Chemical Department for Merchants. M.L. 2915/21, Office of this Paper.

ELLER or Bookkeeper; 26; single; 6 years' experience th Chemists; qualified Bookkeeper. M.L. 73169, Office of per.

'H (17), Matriculate, requires position; two years' experi- ce Drug and Chemical trade. Apply P.C.B. 82/29, Office Paper.

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(Colonial, Indian and Foreign.)

Dispenser (Apothecaries' Hall qualification) desires post Continent; Paris or neighbourhood preferred; Hospital ate experience. Apply "N" (91/27), Office of this Paper.

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Fittings (complete set), 12′ 0″ Drug Fitting, 6′ 0″ Wall se, 6′ 0″ Screen (Sponge Case under), 6′ 0″ Bent Counter ′ 0″ Counter, Desk and Case, Tooth Brush Case, and nest er Drawers; a bargain. Can be seen at Philip Josephs Ltd., 93 Old Street, London, E.C. 1.

FITTINGS.—Drug Fitting, glass-fronted Counter, Wall es, and Dispensary Screens for immediate delivery; lowest nsistent with high-class work. H. Mills & Sons, Shop- 63/165 Old Street, E.C. 1.

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ile, in good condition, Gardner's Rapid Mixer and Sifter, C, with motor and safety guards complete. Can be seen cheley Street, Lambeth, S.E.

US Stock.—About 5 gallons Tinct. Krameria, 5 gallons ot. Musk, three 1-lb. original bottles Hotchkiss Oil of nt. Letters, Chevmar, 114 Southampton Row, London.

e particularly to draw the attention of Colonial and gn Subscribers to the fact that in cases where they re partners, agents or assistants, or wish to sell their esses, an Advertisement in this Supplement, placed in copy of "The Chemist and Druggist," should be the est means of helping them to attain their object. The for such announcements is given under the appropriate ngs in the Supplement. Instructions and remittances e sent to us direct or through the advertisers' spondents in this country.

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GOERZ Binoculars and Folding Cameras; second-hand, cheap. Jones, Chemist, Waterford, Ireland.

A BALANCE. State make and full particulars to Ashton, 267 Stamford Street, Ashton-under-Lyne.

SECOND-HAND Folding Plate Camera, $3\frac{1}{2} \times 2\frac{1}{2}$ or less, F6.3. Forryan, 75 Hinckley Road, Leicester.

PHARMACEUTICAL Books wanted; cash offers on receipt. Gower, Bookseller, 41 Voltaire Road, Clapham.

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RADIUM SALT, pure or Residues, old Applicators, etc. Apply Harrison Glew, Radium Laboratories, 156 Clapham Road, S.W. 9.

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